

1-1	<div style="text-align: right; margin-bottom: 10px;"> Project No. _____ TRACS No. _____ Project Name _____ </div> <div style="text-align: center;"> Arizona Department of Transportation Environmental Planning Group Categorical Exclusion or Environmental Determination </div>		
1-2			
1-3	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> Project Number: TRACS Number: Project Name: Count(ies): Route: Limits: MP to MP Nearest landmark: Estimated project cost: \$ </td> <td style="width: 50%; vertical-align: top;"> Federal projects: Categorical Exclusion Group: Programmatic: <input type="checkbox"/> Nonprogrammatic: <input type="checkbox"/> STIP Item Number: Date: State-funded projects: Environmental Determination <input type="checkbox"/> ADOT NEPA Planner: </td> </tr> </table>	Project Number: TRACS Number: Project Name: Count(ies): Route: Limits: MP to MP Nearest landmark: Estimated project cost: \$	Federal projects: Categorical Exclusion Group: Programmatic: <input type="checkbox"/> Nonprogrammatic: <input type="checkbox"/> STIP Item Number: Date: State-funded projects: Environmental Determination <input type="checkbox"/> ADOT NEPA Planner:
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1-4	Clearance Prepared By: _____ Date: _____ Reviewed By: _____ Date: _____ Approved By: _____ Date: _____ Manager		
1-5	Enclosed Attachments <input type="checkbox"/> State Historic Preservation Office (SHPO) letter(s) of concurrence <input type="checkbox"/> Coordination letter(s) <input type="checkbox"/> Tribal consultation letter(s) <input type="checkbox"/> Arizona Game and Fish Department (AGFD) correspondence <input type="checkbox"/> Clean Water Act Section 404 Nationwide Permit Number <input type="checkbox"/> General Conditions <input type="checkbox"/> Special Conditions <input type="checkbox"/> Regional Conditions <input type="checkbox"/> Checklist for Environmental Compliance <input type="checkbox"/> Environmental Protection on Arizona Department of Transportation (ADOT) Projects: Instruction to Contractors <input type="checkbox"/> Clean Water Act Section 404 Individual Permit <input type="checkbox"/> Special Conditions <input type="checkbox"/> Section 401 Water Quality Certification Conditions <input type="checkbox"/> Desert Tortoise Handling Guidelines <input type="checkbox"/> State, local, and project maps <input type="checkbox"/> Other		
	1 August 2006		

Page 1. Cover Sheet

This page will always be included in the submittal.

1-1. Header

Add the project information to the header of the document. Confirm project information with ADOT EPG Staff (602.712.7767). Align the last letter of the longest word in the project information with the right margin of document. Adjust the left tabs so that the first letters of "Project No.," "TRACS No.," and "Project Name" align. Ensure that headers retain the desired formatting adjustments after any section breaks.

1-2. Title

Based on project funding, determine if the document is a CE or ED, and delete the title that does not apply.

1-3. Tracking Information

Confirm the Project Number, TRACS Number, and Project Name with ADOT EPG staff (602.712.7767) and insert the information after the colons. Insert the STIP Item Number/Date (Fiscal Year) found on the ADOT Transportation Planning Division Website.¹ Verify county, route (US or SR number or street name), and limits (to tenth of a mile) and insert the information after the colon. Insert distance to and general direction of the nearest landmark (e.g., 25 miles north of Morenci) after the colon. Contact the ADOT Project Manager to confirm the estimated project cost and include the information after the colon.

For Federally-funded projects, refer to 23 CFR 771.117(c) and (d) to determine if the project is a Group 1 or Group 2 CE, and include that number in the top-right box, where prompted². Consult the Arizona Programmatic Categorical Exclusion Approval³ to determine if the project is Programmatic or Nonprogrammatic and check the applicable box. For nonprogrammatic projects, delete the "Approved By" line on this page, and use the signature page and transmittal letter to FHWA (refer to examples provided at the back of these guidelines). For state-funded projects, check the "Environmental Determination" box. Type in the ADOT NEPA Planner's full name, where prompted.

1-4. Clearance

Under the "Prepared By" signature line, type the name of the document author (the person who will sign in the "Prepared By" field); on the next line type in the name of the firm or agency of the author preparing the document. The author will sign and date (MM/DD/YYYY) the "Prepared By" signature line, in blue ink, for each submittal.

¹ <http://tpd.azdot.gov/pps/introduction.asp>. Click on "Current STIP" to find the STIP item number and Fiscal Year.

² Also refer to June 2005 *Categorical Exclusion Guidelines FHWA Arizona Division and FHWA*.

³ http://www.azdot.gov/EEG_common/documents/files/planning/ce_ed_guidelines.doc

Page 1. Cover Sheet (continued)

1-4. Clearance (continued)

Following the firm or agency name, include the on-call Project Manager's initials (in upper case letters) to the left of the colon, and the author's initials (in lower case letters) to the right of the colon (e.g., DW:gb).

Under the "Reviewed By" signature line, type in the name of the ADOT NEPA Planner; on the next line type the title of the ADOT NEPA Planner (Planner II, III, IV).

The "Approved By" signature line should be blank when submitted to ADOT. Under the "Approved By" signature line type the name of the EPG Manager. Following the line with the word "Manager" include the ADOT EPG Manager's initials (in upper case letters) to the left of the colon, and the EPG final reviewer's initials (in lower case letters) to the right of the colon (e.g., TA:mm).

1-5. Enclosed Attachments

Check each box for which there is an applicable attachment, and delete those items not relevant to the project. Attachments should be included at the end of the document with the exception of the state and vicinity maps, which should be included in the document immediately after the project description pages. When checking the "Other" box, include text to the right of the box describing what has been attached. If there is more than one attachment, use a list format.

Page 2. Acronyms and Abbreviations

This page will always be included in the submittal and modified based on project specifics.

2-1. Acronyms and Abbreviations

This list provides acronyms and abbreviations found in a typical CE/ED. Highlighted text identifies those acronyms that are always included in the submittal. Add to this list all acronyms and abbreviations used in the document, remove acronyms and abbreviations that are not used, and unhighlight all text. List acronyms and abbreviations in alphabetical order. Once listed here, acronyms and abbreviations should not be spelled out in the document.

Project No. _____
TRACS No. _____
Project Name _____

ACRONYMS AND ABBREVIATIONS

AASHTO – American Association of State Highway and Transportation Officials	PISA – Pre-Initial Site Assessment
ADEQ – Arizona Department of Environmental Quality	PM ₁₀ – particulate matter greater than 10 microns
ADOT – Arizona Department of Transportation	R/W – right-of-way
AGFD – Arizona Game and Fish Department	RCRA – Resource Conservation and Recovery Act
APE – Area of Potential Effect	Reclamation – Bureau of Reclamation
ARHP – Arizona Register of Historic Places	SHPO – State Historic Preservation Office
ARS – Arizona Revised Statute	SR – State Route
ASLD – Arizona State Land Department	STIP – State Transportation Improvement Plan
AZ – Arizona	TCM – Transportation Control Measures
AZPDES – Arizona Pollutant Discharge Elimination System	THPO – Tribal Historic Preservation Office
BDS – Biological Data Sheet	TI – Traffic Interchange
BE – Biological Evaluation	UST – Underground Storage Tank
BG – Block Group	US – United States
BLM – Bureau of Land Management	USC – United States Code
BR – Biological Review	USDA – US Department of Agriculture
CBC – concrete box culvert	USFWS – US Fish and Wildlife Service
CE – Categorical Exclusion	USCG – United States Coast Guard
CFR – Code of Federal Regulations	VMT – Vehicle Miles Traveled
CMAQ – Congestion Mitigation and Air Quality	Waters – Waters of the United States
CMP – corrugated metal pipe	
CO – carbon monoxide	
Corps – US Army Corps of Engineers	
CT – Census Tract	
Db – Decibel	
ED – Environmental Determination	
EPG – Environmental Planning Group	
EJ – Environmental Justice	
EPA – Environmental Protection Agency	
FEMA – Federal Emergency Management Agency	
FHWA – Federal Highway Administration	
FIRM – Flood Insurance Rate Map	
FY – Fiscal Year	
LUST – Leaching Underground Storage Tank	
MOU – Memorandum of Understanding	
MP – milepost	
MS4 – Designated Municipal Separate Storm Sewer System	
MSAT – Mobile Source Air Toxics	
MUTCD – Manual of Uniform Traffic Control Devices	
NAP – Noise Abatement Policy	
NAAQS – National Ambient Air Quality Standard	
NEPA – National Environmental Policy Act	
NESHAP – National Emissions Standards for Hazardous Air Pollutants	
NOx – nitrogen oxides	
NPDES – National Pollutant Discharge Elimination System	
NRCS – Natural Resources Conservation Service	
NRHP – National Register of Historic Places	
NRMS – Natural Resources Management Section	
NWP – Nationwide Permit	
PCN – Preconstruction Notification	

Project No. _____
 TRACS No. _____
 Project Name _____

Project Description

1. Existing Conditions

	Item	Present	Not Present	Location	Description
3-1	Through lanes				Number: _____; width: _____
	Right-turn lane(s)				
	Left-turn lane(s)				
	Shoulders				Paved <input type="checkbox"/> ; width: _____
	Right(s)-of-way/Easement(s)				Width: _____
	Landscaping				
	Guardrail				
	Culvert(s)				Number: _____; size: _____
	Noise wall(s)				
	Crosswalk(s)				
3-2	Cattle guard(s)				
	Frontage road(s)				
	Curb and gutter				
	Lighting				
	Center medians				
3-3	Raised				
	Paved				
	Painted				
	Landscaped				
	Other				
3-4	Traffic controls				
	Signal(s)				
	Stop signs				
	Flashing light(s)				
	Bikeways				
3-5	Independent pathway for bikes				
	Bike lanes striped on roadway pavement				
	Bike lanes on canal bank				
	Other pathway				
	Sidewalks				
3-6	Adjacent to street/highway				Width: _____
	Set back from street/highway feet				Width: _____ Setback: _____
	Other sidewalk				Width: _____
	Fencing				<input type="checkbox"/> R/W <input type="checkbox"/> Other
	Game fence				
	Standard barbed wire fence				
	Chain link fence				
	Other fencing				

Page 3. Project Description

This page will always be included in the submittal. In completing the table on this page, insert an "x" in the second column if the item is present and in the third column if the item is not present. Discuss the location in the fourth column. The level of detail for the location information can range from "intermittent" or "throughout project area" to identification of specific mileposts or street names, dependent on the involvement of the particular item in the project scope of work. For instance, if culverts are present but will not be impacted, describe the location as "intermittent" and include a statement of no impact in the Description column. If a culvert will be extended, indicate the milepost of the culvert location.

Additional comments that may clarify information should be placed in the "Description" column, as applicable. Text in the table should be in bullet format—complete sentences are not required.

3-1. General Items

For each item listed in the "Item" column, insert an "x" in the second column if present—or in the third column if not present; discuss the location, and include a description (when applicable). The description could include information such as lane width, number and length of turn lanes, type of landscaping present (e.g., native plants; ornamental plants), type of culverts (e.g., CBC), etc.

3-2. Center Medians

If center medians are present within the project limits, indicate such by placing an "x" in the second column in the shaded row. In the subsequent rows under the "Center Median" heading, indicate if features are present, include location information, and add descriptions—such as width, length, and materials (e.g., concrete; brick pavers).

3-3. Traffic Controls

If traffic controls are present within the project limits, indicate such by placing an "x" in the second column in the shaded row. In the subsequent rows under the "Traffic Control" heading, indicate if features are present, include location information, and add descriptions—such as "four-way stop intersection."

3-4. Bikeways

If bikeways are present within the project limits, indicate such by placing an "x" in the second column in the shaded row. In the subsequent rows under the "Bikeways" heading, indicate if features are present, include location information, and add descriptions—such as width and material (e.g., concrete; asphalt; dirt).

3-5. Sidewalks

If sidewalks are present within the project limits, indicate such by placing an "x" in the second column in the shaded row. In the subsequent rows under the "Sidewalks" heading, indicate if features are present, include location information, and add descriptions—such as width and material (e.g., concrete; asphalt; dirt).

Page 3. Project Description (continued)**3-5. Sidewalks (continued)**

heading, indicate if the sidewalks are adjacent to or set back from the street/highway. Include location information, and add descriptions—such as width, amount of setback (in feet), and/or Americans with Disabilities Act-compliance.

3-6. Fencing

If fencing is present within the project limits, place an “x” in the second column in the shaded row; in the Description column, indicate if the fencing is for right-of-way or if it is another type of fencing. In the subsequent rows under the “Fencing” heading, indicate which type of fencing is present. Include location information, and add descriptions—such as width, height, and condition.

Page 4. Project Description

4-1. Bridges

If bridges are present within the project limits, place an "x" in the second column in the shaded row. In subsequent rows under the "Bridges" heading, indicate which type(s) of bridges are present. Include location information (in milepost[s]), and include descriptions as prompted.

4-2. Other

If other notable items are present, place an "x" in the second column in the shaded row. List the items present in the "items" column. Include location information and add descriptions as prompted.

4-3. Need

Include a brief discussion summarizing the need for the project (congestion, accidents, highway surface deteriorated, etc.). For example, for a typical pavement preservation project, the need might be, "The existing pavement has deteriorated at the SR 260/SR 373 intersection."

4-4. Purpose

Include a brief discussion summarizing the purpose of the project (i.e., what ADOT plans to accomplish). Explain how implementation of the project will address the project need. For example, for a typical pavement preservation project the purpose might be "The purpose of this project is to improve the condition and life expectancy of the roadway pavement and the driving conditions for motorists."

4-5. Scope of Work

Include a complete description of the project components in bullet format. Identify detours in this section, if applicable. Use common language and/or define technical terms for the general public.

4-6. Land Ownership and Land Use

a. Existing R/W or Easement⁴

Identify the land ownership/management, and land use within the existing right-of-way and/or easement. Use a separate line for each landowner/manager. Indicate the beginning and ending milepost limits (e.g., MP 1.3 to MP 2.5) under "location." Indicate whether the existing roadway is on ADOT R/W or on an easement under "R/W or Easement." Identify the landowner/manager (e.g., ADOT, BLM) under "Owner/Manager." Provide a description of the land use (e.g., transportation) within the existing R/W or easement under "Land Use."

⁴ Land use includes "residential", "commercial", "industrial", etc. Vacant land should be characterized as "undeveloped." Do not list zoning designations.

Item	Present	Not Present	Location	Description
Bridges				Structure No.: Name of watercourse:
Over watercourse				Number of spans: Name of street/road: Highway route number:
Over highway/street/road				Number of spans: Name of railroad:
Over railroad				Number of spans: Name of canal:
Over canal				Number of spans: Name:
Over other				
Other				

2. Need

3. Purpose

4. Scope of Work

5. Land Ownership and Land Use

a) Existing R/W or Easement

Location	R/W or Easement	Owner/Manager	Land Use

b) Adjacent land

Location	Owner/Manager	Land Use

6. Right-of-Way/Easements

☐ No new R/W or easement is required for construction of this project.

☐ New R/W or easement is required for construction of this project.

☐ of new R/W from for .

☐ of new easement from for .

☐ of temporary easement from for .

7. Funding

☐ This project is Federally ☐ / State- ☐ funded with an estimated cost of \$.

☐ This project will be designed and constructed using federal transportation enhancement funds. The estimated cost is .

Page 4. Project Description (continued)**b. Adjacent Land**

Identify adjacent land ownership/management and use. See guidance under *Item 4-5.a. Existing R/W or Easement*. If land ownership/management is complex, such as a checkerboard pattern, contact the ADOT NEPA Planner for direction.

4-7. Right-of-Way/Easements

Confirm with the Project Manager, ADOT right-of-way specialist, and/or project designer if new right-of-way or temporary/permanent easements are required for the project. If no right-of-way or easements are required, check the first box.

If new right-of-way or easements are required, or if the project extends outside of the ADOT right-of-way onto another public transportation easement (e.g., City of Phoenix right-of-way), check the second box. Then check each applicable box, and include the acres of new right-of-way/easement; type of easement (e.g., drainage); and identify the owner/land manager of each parcel of land that is being acquired/used for the project; and why the right-of-way/easement is needed. If the project requires new right-of-way, FHWA will determine if the amount of new right-of-way is “minor” and, therefore, if the project is processed as a programmatic or non-programmatic CE.

4-8. Funding

Contact the ADOT Project Manager to confirm if the project will be federally or state-funded. If the project will be funded using federal transportation enhancement funds, do not check the first box, but rather check the second box. Include the estimated project cost where prompted.

Page 5. State Map

5-1. State Map

Insert a map of Arizona, designating the location of the project and at a minimum all major cities, counties, and highways. The map must include a north arrow and be discernibly reproducible on a black and white copier.

Project No. _____
TRACS No. _____
Project Name _____

5-1

INSERT STATE MAP HERE

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Page 6. Project Vicinity Map**6-1. Project Vicinity Map**

Insert a map showing the location of the project. The project limits must be clearly marked. Include all streets and features specifically called out in the document. The map must include a north arrow and be discernibly reproducible on a black and white copier. Insert additional maps (e.g., Detour Location Map) immediately following the project vicinity map, if needed. For federally funded projects: if project work occurs at more than one location, include a copy of the vicinity map(s) with the FHWA copy of the ADOT clearance memo.

Project No. _____
 TRACS No. _____
 Project Name _____

INSERT PROJECT VICINITY MAP HERE

6-1

Page 7. Environmental Impact Summary

This next section of the checklist is a summary of the environmental resources/issues present in the project's area of potential effect, and will always be included in the submittal. For each of the listed items, determine if the item is present or not present, and check the applicable box. Guidance in determining the presence of a specific resource is provided in the applicable *Analysis Sheet*. **For each item that is present, a corresponding *Analysis Sheet* shall be attached.** In general, provide information in the "Comment" column in bullet format—complete sentences are not needed—and provide clarification or reference to the *Analysis Sheet*. Contact the ADOT NEPA Planner for projects on tribal lands to discuss the environmental process. If additional information is required in the *Environmental Impact Summary Sheet*, contact the ADOT NEPA Planner for guidance.

7-1. Land Management Authority

Identify each land-managing agency within the project's footprint—including those agencies with management responsibilities for new right-of-way/easements. Verify this information with the project manager and/or right-of-way specialist, as applicable. Information on land management/ownership can also be obtained through ASLD.⁵ For each land-managing agency marked as present include the agency title (e.g., Tonto National Forest) in the Comment column. Do not include ADOT as a State Agency Present.

7-2. Sensitive Biological Resources

A qualified biologist will determine if a Biology Memo, BR, or BE is required for the project in coordination with the applicable ADOT EPG Regional Biologist. Refer to the ADOT-approved Biology Memo, BR, or BE for this project. If it has been determined by a qualified biologist that sensitive biological resources are not present in the project area check the "Not Present" box, and in the Comment column, check the document type, and enter the date of ADOT approval. For Items 1–4, identify if concerns are present, and check the applicable box. In the Comment column, include pertinent information (Items 1 and 4); the date that the federal agency (Item 2) and/or the tribe (Item 3) approved the biological document; and reference the *Sensitive Biological Resources Analysis Sheet*.

For native plants (Item 5), check the applicable box, and indicate the date of the native plant survey in the Comment column. For Other Wildlife and Habitat Concerns, indicate the agency that commented and the date of comment in the Comment column.

If a "Present" box is checked under the "Sensitive Biological Resources" heading, refer to the *Sensitive Biological Resources Analysis Sheet*.

⁵<http://www.land.state.az.us/maps.htm>

Project No. _____
 TRACS No. _____
 Project Name _____

Environmental Impact Summary			
Land Management Agency			
	Present	Not Present	Comment
7-1 Tribal	<input type="checkbox"/>	<input type="checkbox"/>	Tribe(s): _____
Federal	<input type="checkbox"/>	<input type="checkbox"/>	Agency(ies): _____
State	<input type="checkbox"/>	<input type="checkbox"/>	Agency(ies): _____
County	<input type="checkbox"/>	<input type="checkbox"/>	Agency(ies): _____
Local	<input type="checkbox"/>	<input type="checkbox"/>	Agency(ies): _____
Natural Environment			
	Present	Not Present	Comment
7-2 Sensitive Biological Resources	<input type="checkbox"/>	<input type="checkbox"/>	Biology Memo: <input type="checkbox"/> BR: <input type="checkbox"/> BE: <input type="checkbox"/> (date ADOT approved: _____)
1. Threatened/Endangered Species	<input type="checkbox"/>	<input type="checkbox"/>	
2. Federal Sensitive Species/Habitat	<input type="checkbox"/>	<input type="checkbox"/>	Date federal agency approved: _____
3. Tribal Sensitive Species/Habitat	<input type="checkbox"/>	<input type="checkbox"/>	Date(s) federal agency/Tribe(s) approved: _____
4. AZ Species of Concern/Habitat	<input type="checkbox"/>	<input type="checkbox"/>	
5. Native Plants	<input type="checkbox"/>	<input type="checkbox"/>	Date of survey: _____
6. Other Wildlife and Habitat Concerns	<input type="checkbox"/>	<input type="checkbox"/>	Agency commenting and date of comment: _____
7-3 Invasive Species	<input type="checkbox"/>	<input type="checkbox"/>	
7-4 Wetland Areas	<input type="checkbox"/>	<input type="checkbox"/>	
Riparian Areas	<input type="checkbox"/>	<input type="checkbox"/>	
7-5 100-Year Floodplain	<input type="checkbox"/>	<input type="checkbox"/>	FEMA FIRM map number(s): _____ Letter of Map Revision effective date(s): _____ Floodplain not delineated <input type="checkbox"/>
Section 404 Waters	<input type="checkbox"/>	<input type="checkbox"/>	If Waters impacted, permit type and/or number: _____ Corps file number: _____
7-6 Section 401 Water Quality Certification	<input type="checkbox"/>	<input type="checkbox"/>	Certification type: _____
7-7 Prime or unique farmland	<input type="checkbox"/>	<input type="checkbox"/>	NRCS map: _____
7-8 Farmland of statewide or local importance	<input type="checkbox"/>	<input type="checkbox"/>	
7-9 Sole Source Aquifer(s)	<input type="checkbox"/>	<input type="checkbox"/>	
7-10 Wild and Scenic Rivers	<input type="checkbox"/>	<input type="checkbox"/>	
Navigable Waters	<input type="checkbox"/>	<input type="checkbox"/>	
Cultural Resources			
	Present	Not Present	Comment
7-11 Archaeological/Historic Resources	<input type="checkbox"/>	<input type="checkbox"/>	Report(s) and concurrence date(s): _____ Tribal Consultation: _____
Section 4(f)/6(f) Resources			
	Present	Not Present	Comment
7-12 Section 4(f) Wildlife/Waterfowl	<input type="checkbox"/>	<input type="checkbox"/>	
Section 4(f) Historic site	<input type="checkbox"/>	<input type="checkbox"/>	
Section 4(f) Recreational site	<input type="checkbox"/>	<input type="checkbox"/>	
Section 4(f) Park	<input type="checkbox"/>	<input type="checkbox"/>	
7-13 Section 6(f) Resource	<input type="checkbox"/>	<input type="checkbox"/>	

(continued on next page)

Page 7. Environmental Impact Summary (continued)**7-3. Invasive Species**

Forward a copy of the project scoping letters and maps via email to the appropriate ADOT Natural Resources Management Section (NRMS) contact⁶ and copy the EPG Regional Biologist. Allow the NRMS 30 days to respond with any invasive species issues. If NRMS does not respond or does not identify any invasive species concerns check the *Not Present* box and ensure that all invasive species mitigation present on the *Mitigation Measures Sheet* is included in the environmental document and clearance memorandum. If NRMS responds with invasive species issues, or an invasive species survey was completed and invasive species are present, check the "Present" box and refer to the *Invasive Species Analysis Sheet*. In coordination with the applicable ADOT EPG Regional Biologist, include any additional mitigation measures requested by NRMS in the *Mitigation Measures Sheet*.

7-4. Wetland and Riparian Areas

If wetland(s) or riparian area(s) are present within the project vicinity, check the "Present" box and refer to the applicable *Analysis Sheet* in the Comment column. Do not include xeroriparian areas in this section.

7-5. 100-Year Floodplain

If the project is located—or partially located—within a designated 100-year floodplain, check the "Present" box. If the project is in an area that has not yet been delineated, check neither the "Present" nor the "Not Present" boxes, but check the applicable box in the Comment column. In the Comment column, list the FEMA FIRM maps by number that were referenced, and any applicable Letter of Map Revision dates. If the "Present" box or the "Floodplain not delineated" box has been checked, refer to the *100-Year Floodplain Analysis Sheet*.

7-6. Section 404/401

If the project is located within Waters under the jurisdiction of the Corps—or if the project is moving forward under the assumption that a watercourse in the project area is considered Waters—check the "Present" box. If the Waters are impacted, include the permit type and/or number, and the Corps file number in the Comment column, where prompted. Section 401 Water Quality Certification: if the project impacts Waters, check the "Present" box and indicate what type of Certification is required (i.e., certified, individual certification, or conditional certification). A copy of the permit/water quality certification and all general, regional, and special conditions—as applicable—will be attached to the submittal and included in *Item 1-5. Enclosed Attachments*. If the "Present" box is checked, refer to the *Clean Water Act Compliance Analysis Sheet*.

⁶ http://www.azdot.gov/Highways/NResources/Contact_Us.asp

Page 7. Environmental Impact Summary (continued)**7-7. Prime and Unique Farmland, and Farmland of Statewide or Local Importance**

Determine if farmland is present in the project vicinity, and indicate the NRCS map referenced in the Comment column. If the "Present" box is checked, refer to the *Prime or Unique Farmlands Analysis Sheet*.

7-8. Sole Source Aquifers

If the project is located within a sole source aquifer include the name of the aquifer in the Comment column, review the current EPA/FHWA MOU regarding sole source aquifer review pursuant to *Section 1424(e) of the Safe Drinking Water Act*, and refer to the *Sole Source Aquifers Analysis Sheet*.

7-9. Wild and Scenic Rivers

If the project is located in the vicinity of a Wild and Scenic River, include the river name in Comment column, indicate if the river is considered a Section 4(f) resource, and refer to the *Wild and Scenic Rivers Analysis Sheet*.

7-10. Navigable Waters

If the project involves navigable waters (i.e., the Colorado River), refer to the *Navigable Waters Analysis Sheet*.

7-11. Cultural Resources

Determine if archaeological/historic resources are present in the APE (even if the resources have been determined to be not eligible for inclusion on the ARHP/NRHP), and check the appropriate "Present" or "Not Present" box. In either case, list the report(s), and date(s) of agency concurrence and tribal consultation in the Comment column. If cultural resources are present in the APE refer to the *Archaeological Resources and Historic Properties Analysis Sheet*.

7-12. Section 4(f) Resources – for Federally-funded projects only

If Section 4(f) resources are present within the project area, include the name of the resources in the Comment column, and refer to the *Section 4(f) Resources Analysis Sheet*.

7-13. Section 6(f) Resources

If Section 6(f) resources are present within the project area, include the name of the resources in the Comment column, and refer to the *Section 6(f) of the Land and Water Conservation Funds Act Analysis Sheet*.

Page 8. Environmental Impact Summary

8-1. Visual Resources

If the project will impact the existing visual character of the project area, refer to the *Visual Resources Analysis Sheet*. If the project will have no impact to the visual character of the project site, check the “No” box and explain why there is no change in the Comment column. If the project will impact the existing visual character of the project area, check the “Yes” box and refer to the *Visual Resources Analysis Sheet*.

If the project is located on lands with specific visual resource management objectives (e.g., BLM; Forest Service), determine if the project will meet the agency’s objectives, check the applicable box, and list the name of the management agency and the date of the agency concurrence in the Comment column.

If the project is located along a designated Scenic Road/Byway⁷, check the “Yes” box and include the name of the road/byway in the Comment column.

8-2. Socioeconomic Resources

Determine if residential or commercial development is present or planned within and/or adjacent to the project limits and check the applicable box. If “Other,” provide a brief description. If the project will require residential and/or commercial displacements, check the “Present” box and refer to the *Socioeconomic Impacts Analysis Sheet*. **If the project will require residential and/or commercial displacements, the CE is non-programmatic.**

Based on the existing environment, if the project may result in potential concerns regarding access and/or neighborhood continuity and community cohesion, check the “Present” box and refer to the *Socioeconomic Impacts Analysis Sheet* in the Comment column. If there are no concerns, check the applicable box, and explain why in the Comment column.

8-3. Title VI/EJ Populations

If the project will not result in any temporary, adverse, or permanent effects on any businesses, residents, or landowners (including but not limited to effects to access, relocations, and neighborhood continuity), DO NOT check either the “Present” or “Not Present” box, but rather insert the following phrase in the Comment column: “the presence of Title VI/EJ populations was not determined because the project will have no new effects on the surrounding area.”

		Project No. _____		TRACS No. _____		Project Name _____	
Visual Resources							
		Yes	No	Comment			
	Change in the existing visual character as a result of the project	<input type="checkbox"/>	<input type="checkbox"/>				
8-1	Project's postconstruction visual quality meets land-managing agency's specific visual resource management objectives	<input type="checkbox"/>	<input type="checkbox"/>	Name of management agency: Date of agency concurrence:			
	Project is along a designated Scenic Road/Byway	<input type="checkbox"/>	<input type="checkbox"/>	Scenic Road/Byway name:			
Socioeconomic Resources							
		Present	Not Present	Comment			
	Existing Development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Other:			
	Planned Development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Other:			
8-2	Displacement(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Other:			
	Temporary/Permanent Access Concerns	<input type="checkbox"/>	<input type="checkbox"/>				
	Neighborhood Continuity and Community Cohesion Concerns	<input type="checkbox"/>	<input type="checkbox"/>				
8-3	Title VI/EJ Populations	<input type="checkbox"/>	<input type="checkbox"/>				
Physical/Construction							
		Present	Not Present	Comment			
8-4	Construction-related Impacts	<input type="checkbox"/>	<input type="checkbox"/>				
8-5	Utilities	<input type="checkbox"/>	<input type="checkbox"/>				
8-6	Hazardous Materials	<input type="checkbox"/>	<input type="checkbox"/>	Date ADOT approved: <input type="checkbox"/> Qualitative Analysis:			
8-7	Sensitive Noise Receivers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Quantitative Analysis:			
		Required	Not Required	Comment			
8-8	AZPDES/NPDES Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> < 1 acre of disturbance <input type="checkbox"/> ≥ 1 acre of disturbance <input type="checkbox"/> Within 0.25 mile of water.			
		Attainment	Non-attainment	Maintenance	Comment		
8-9	Air Quality/Mobile Source Air Toxics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The purpose of this project is to _____ by constructing _____. This project will not result in any meaningful changes in traffic volumes, vehicle mix, location of the existing facility, or any other factor that would cause an increase in emissions impacts relative to the no-build alternative. As such, FHWA has determined that this project will generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special MSAT concerns. Consequently, this effort is exempt from analysis for MSATs.</p> <p>Moreover, EPA regulations for vehicle engines and fuels will cause overall MSATs to decline significantly over the next 20 years. Even after accounting for a 64 percent increase in VMT, FHWA predicts MSATs will decline in the range of 57 percent to 87 percent, from 2000 to 2020, based on regulations now in effect, even with a projected 64 percent increase in VMT. This will both reduce the background level of MSATs as well as the possibility of even minor MSAT emissions from this project.</p>		

⁷ <http://arizonascenicroads.com/main.aspx>

Page 8. Environmental Impact Summary (continued)

8-3. Title VI/EJ Populations (continued)

If the project will have temporary, adverse, or permanent effects on any businesses, residents, or landowners, consult the most recent Census data to determine if protected populations are present in the project vicinity. If protected populations are present, check the applicable box and refer to the *Title VI/Environmental Justice Analysis Sheet* in the Comment column. If protected populations are not present in the project vicinity, indicate the results of the search in the Comment column, and check the “Not Present” box.

8-4. Construction-related Impacts

If the project will result in any construction-related impacts, refer to the *Construction-Related Impacts Analysis Sheet* in the Comment column. If the project will not result in construction-related impacts, check the “Not Present” box and explain in the Comment column.

8-5. Utilities

If utilities are present in the project area, refer to the *Utilities Analysis Sheet* in the Comment column.

8-6. Hazardous Materials

Refer to the ADOT-approved hazardous materials documentation (e.g., PISA), and include the date of ADOT approval in the Comment column. If hazardous materials were identified in the project vicinity, check the “Present” box, and refer to the *Hazardous Materials Evaluation Analysis Sheet* in the Comment column. If hazardous materials were not identified in the project vicinity, check the “Not Present” box; insert the date of ADOT approval in the “Comment” column—no *Hazardous Materials Evaluation Analysis Sheet* is needed.

8-7. Sensitive Noise Receivers

Refer to FHWA's Noise Abatement Criteria⁸ and the ADOT NAP⁹; if receivers are located within approximately 1,000 feet of the project site, check the applicable box, indicate which type of analysis was completed (i.e., qualitative or quantitative), and complete and refer to the *Noise Analysis Sheet* in the Comment column. If receivers are not present in the project area (within ~1,000 feet), indicate that a qualitative analysis was completed and remove the *Noise Analysis Sheet*.

⁸ <http://www.fhwa.dot.gov/environment/polguid.pdf>

⁹ http://www.azdot.gov/EEG_common/documents/files/air_and_noise/final_noise_abatement_policy_revised_december_2005.pdf

Page 8. Environmental Impact Summary (continued)**8-8. AZPDES/NPDES Permit/Erosion Control**

Determine if an AZPDS (non-tribal land)/NPDES (tribal land) permit is required. Indicate in the Comment column if the project will result in greater than or less than one acre of disturbance. Also indicate in the Comment column if the project is located within 0.25 mile of any unique/impaired water, and include the water name¹⁰. If the project will result in 1 or more acres of disturbance, refer to the *AZPDES/NPDES Analysis Sheet*.

8-9. Air Quality/Mobile Source Air Toxics

Refer to the non-attainment/maintenance area maps on the ADOT EPG Web site¹¹ to determine if the project is located in an area that meets all National Ambient Air Quality Standards. If the project is located in non-attainment or maintenance area(s), check the applicable boxes and include the name(s) of the nonattainment/maintenance area(s) in the Comment column, and refer to the *Air Quality Analysis Sheet*.

If the project is not federally funded, delete the "Mobile Source Air Toxics" heading and associated wording, leaving only the "Air Quality" heading and associated boxes. If the project is federally funded, insert the project purpose and major elements of the project scope in the appropriate locations within the text.

¹⁰ <http://www.azdeq.gov/envirom/water/permits/stormwater.html>

¹¹ http://www.azdot.gov/EEG_common/documents/air_quality_guidance.asp

Page 9. Agency Coordination/Public Involvement

This page will always be included in the submittal. Follow ADOT EPG's Scoping Guidance¹². Coordination/scoping letters/fliers should be distributed to all applicable agencies/public entities, adjacent property owners, and non-governmental organizations. All coordination/scoping letters and mailing lists must be reviewed by the ADOT NEPA Planner prior to distribution. The same letter may not be appropriate for all agencies and public on the mailing list. Additional or different information or requests may be required in some letters. Copies of all responses received must be forwarded to the ADOT NEPA Planner within one week of receipt of the response.

9-1. Agency Scoping/Coordination (as applicable)

List all agencies—including all departments within agencies—contacted, adding and/or deleting unused rows as applicable. For each agency/department, include the date the entity was contacted (in the "Date Contacted" column), the method of notification (i.e., flier, letter, e-mail), the comment—if any—received, and the response to the comment. In the "Response" column, also include the date and method of the response (e.g., 01/07/2005; letter). Insert additional rows and attach additional pages as needed. Comments received from agencies, and the response to those comments, should be attached to the environmental document, and included on Page 1 (refer to *Item 1-5. Enclosed Attachments*). If comments are addressed in an *Analysis Sheet*, refer to the sheet in the "Response" column.

Do not send coordination/scoping letters to the Corps¹³, EPA¹⁴, ADEQ, Arizona Department of Agriculture, or ADOT District Engineers as part of the agency scoping process. If any portion of the project is located within a 100-year floodplain, the floodplain administrator shall be included in the scoping process. If the project is located on tribal lands, coordination/scoping letters are not sent to state agencies (e.g., AGFD). If the project is located—or partially located—on federal land (e.g., BLM) contact the land-managing agency to determine applicable agencies for coordination. For example, National Forests do not routinely allow plant salvage by the Arizona Department of Agriculture, but they do request coordination with the AGFD.

In accordance with ADOT EPG Biological Procedures, include a request for a special status species list when preparing the agency coordination letter for the ADOT NEPA Planner to send to AGFD. Also refer to the ADOT Biological Scoping Guidelines for language to use in applicable biological agency scoping letters. If the project occurs on federal land, contact AGFD only if requested to do so by the land-managing agency. If so requested, state this in the text, and continue the discussion as directed below.

¹² http://www.azdot.gov/EEG_common/documents/files/planning/ce_scoping_process.pdf

¹³ Unless the project involves navigable waters (Colorado River), in which case the Corps should be contacted during project scoping activities.

¹⁴ Unless the project involves sole source aquifer(s).

Project No. _____
 TRACS No. _____
 Project Name _____

Agency Coordination/Public Involvement Analysis Sheet

	Date contacted	Method of notification	Comment	Response
Agency Scoping/Coordination				
AGFD				
Bureau of Indian Affairs				
Bureau of Land Management				
Bureau of Reclamation				
County				
Department:				
Department of Public Safety				
EPA				
Local Municipality				
Department:				
National Park Service				
SHPO				
THPO				
US Army Corps of Engineers				
US Coast Guard				
USFWS				
USDA Forest Service				
Other				
9-1				
Public Scoping/Coordination				
people contacted				
List Organizations				
Center for Biological Diversity				
9-2				
Public Meeting(s)				
9-3	<input type="checkbox"/> Public meeting not held <input type="checkbox"/> Public meeting(s) was (were) held. • Date(s) and location(s): • Number of attendees: • Method(s) of notification: • Handout materials: <input type="checkbox"/> No <input type="checkbox"/> Yes—see attached • Comments/Responses:			
9-4	Mitigation Measures <div style="text-align: center; margin-top: 20px;"> 9 August 2006 </div>			

Page 9. Agency Coordination/Public Involvement (continued)**9-2. Public Scoping/Coordination**

In the first column, identify the number of individuals contacted during the public scoping process, do not include addresses or contact information. Include the date that individuals were contacted in the "Date Contacted" column, the method of notification (i.e., letter, flier) in the third column, and list any comments received (in bullet format) in the "Comment" column. In the "Response" column, include the applicable response and the date and method of response (e.g., 01/07/2005; letter). Attach additional pages as needed. If comments are addressed in an *Analysis Sheet*, refer to the sheet in the "Response" column. Do not attach comment or response letters from the public to the document unless directed to do so by the ADOT NEPA Planner.

9-3. Public Meeting(s)

Check the applicable box to indicate whether a public meeting was held. If no public meeting was held, provide a brief explanation why not (e.g., "all interested parties were contacted as part of the scoping process and no issues were identified.")

If a public meeting was held, include the date and location, number of attendees, and method of notification. If handout materials were provided, check the applicable box and attach the handout to the submittal packet, indicating such on Page 1 (refer to *Item 1-5. Enclosed Attachments*).

9-4. Mitigation Measures

If the public/adjacent property owners will be provided notification prior to construction, identify the responsible party (e.g., the Contractor) and include the mitigation here. List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities and on other analysis sheets as applicable). The mitigation should also be placed in the clearance memorandum, and on the *Mitigation Measures Sheet*.

Page 10. Sensitive Biological Resources Analysis Sheet

This page is an *Analysis Sheet* and should be included if any Sensitive Biological Resources were marked as "Present" in the *Environmental Impact Summary*. If an ADOT in-house Biology Memo determined that the project will not impact any Biological Resources, delete the *Sensitive Biological Resources Analysis Page* from the document. Under Item 1 insert "BR," or "BE." If the biological analysis results in a "may affect" (either not likely to adversely affect or likely to adversely affect) check the boxes associated with *Item 10-2* and/or *Item 10-3*; (do not check *Item 10-1*); and include information on the "no effect" species where indicated. For all species, write the common name and include the scientific name, in italics, in parentheses immediately following the common name. For example: Attwater's greater prairie-chicken (*Tympanuchus cupido attwateri*). Any BR or BE with a no effect determination must be included with the draft CE for ADOT review. The BR or BE must also be included with the final CE for submittal to FHWA. **If there are federally listed endangered or threatened species or critical habitat, the CE is non-programmatic.**

10-1. No Effect

If the BR/BE resulted in a finding of "no affect" check the box. Within the table, list each species analyzed in detail. For each species, include a brief explanation of why a no effect determination was made (e.g., no vegetation disturbance; project occurs outside breeding season) in the second column.

10-2. May Effect, Not Likely to Adversely Affect/Is Not Likely to Jeopardize the Continued Existence or Result in Habitat Destruction or Adverse Modification/May Impact Individuals, but is Not Likely to Result in Trend Toward Federal Listing or Loss of Viability

If the BE resulted in a finding of "may effect, not likely to adversely affect"; "Is not likely to jeopardize the continued existence of the species or result in the destruction or adverse modification of habitat"; or "may impact individual, but is not likely to result in a trend toward federal listing or loss of viability," check the box. In the table, list species analyzed in detail in the first column. For each species, the second column should include a brief explanation of which effect determination was made and why (e.g., "species use of the area is seasonal and project will occur when species are not present"). Include the date (MM/DD/YYYY) of the USFWS letter, and a statement of "no effect" on other species where prompted.

10-3. May Effect, Likely to Adversely Affect/Is Likely to Jeopardize the Continued Existence/Is Likely to Result in the Destruction or Adverse Modification of Habitat/Is Likely to Result in a Trend Toward Federal Listing or Loss of Viability

If the BE resulted in a finding of "may effect, likely to adversely affect"; "is likely to jeopardize the continued existence"; "is likely to result in the destruction or adverse modification of habitat"; "is likely to result in a trend toward federal listing or loss of viability" check the box. In the table list species analyzed in detail in the first column.

Project No. _____
 TRACS No. _____
 Project Name _____

Sensitive Biological Resources Analysis Sheet

1. Threatened and Endangered Species
 A _____ was prepared and an "effects" determination was made for each species.

☐ The project will not affect listed, threatened, endangered, proposed, or candidate species or designated critical habitat.

10-1

Species analyzed in detail	Reason for "no effect"

☐ The project may affect but is not likely to adversely affect; is not likely to jeopardize the continued existence of the species or its habitat; or may impact individuals of species, but is not likely to result in a trend toward federal listing or loss of viability for the following listed, threatened, endangered, proposed, or candidate species or designated critical habitat.

10-2

Species analyzed in detail	Determination and reason

1. Date of USFWS concurrence letter:
 2. Statement of "no effect" on other species:

☐ The project may affect and is likely to adversely affect; is likely to jeopardize the continued existence of species; or is likely to result in the destruction or adverse modification of habitat; or is likely to result in a trend toward federal listing or loss of viability for the following listed, threatened, endangered, proposed, or candidate species or designated critical habitat.

10-3

Species analyzed in detail	Determination and reason

1. Date of USFWS Biological Opinion:
 2. Statement of "no effect" to other species:

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**Page 10. Sensitive Biological Resources Analysis Sheet
(continued)**

10-3. May Effect, Likely to Adversely Affect/Is Likely to Jeopardize the Continued Existence/Is Likely to Result in the Destruction or Adverse Modification of Habitat/Is Likely to Result in a Trend Toward Federal Listing or Loss of Viability (continued)

For each species, the second column should include the determination that was made and a brief explanation of why this effect determination was made (e.g., take is anticipated). Include the date (MM/DD/YYYY) of the USFWS letter, and a statement of "no effect" on other species where prompted.

Page 11. Sensitive Biological Resources Analysis Sheet (continued)

11-1. Federal Sensitive Species

If the project occurs on federal land and federal sensitive species were analyzed, check the box, and insert the applicable biology document type (BR or BE). List the species analyzed in detail in the first column, and the anticipated effects (e.g., disturbance from construction noise) and determination for each species (e.g., may impact individuals, but is not anticipated to result in a trend toward federal listing or loss of viability) in the second column.

Once coordination is complete, check the box, insert the name of the agency (e.g., BLM, Phoenix Field Office), the date, and list the mitigation required to protect the sensitive species (if applicable). If no mitigation is required, state this under the coordination statement. If the land-managing agency declined to review the biological document, check the box, and list the applicable biological document.

11-2. Tribal Sensitive Species

If the project occurs on tribal lands, check the box and insert the name of the tribe. If the tribe requests special species be evaluated as part of the project, list the species analyzed in detail in the first column. List anticipated effects (e.g., disturbance from construction noise) and determination for each species (e.g., may impact individuals, but is not anticipated to result in a trend toward federal listing or loss of viability) in the second column. Include any required mitigation measures and the date of the tribal concurrence with the biological document. If the tribe declined to review the biological document, check the box, and include the applicable biological document.

If the project occurs on the Navajo Nation, requests for the Navajo Nation Endangered Species List will be prepared by the EPG consultant and submitted to the EPG regional biologist¹⁵. For state-funded projects, the EPG regional biologist will send the request directly to the Navajo Nation. For federally funded projects, the EPG regional biologist will forward the request to FHWA to be printed on FHWA letterhead and mailed.

If the project occurs on the Fort Apache Reservation, include a statement that the tribe completed the biological report for ADOT after the colon in *Item 11-2. Date of Tribal review(s)* and include any pertinent Tribal coordination information under *Item 11-2 Other Tribal Coordination*.

11-3. Arizona Species of Concern

The AGFD has no jurisdiction on tribal land or federal land. However, the National Forests and BLM generally request coordination with AGFD. If the project occurs on tribal land, delete this section; if the project occurs on federal land, delete this section

Project No. _____
 TRACS No. _____
 Project Name _____

11-1

2. Federal Sensitive Species

☐ Sensitive species on the land managing agency's list were analyzed in the _____.

Species analyzed in detail	Anticipated effects/Determination and reason

☐ Coordination with _____ has been completed.

The agency(ies) was (were) given a copy of the _____ for review, and its (their) representative(s) signed a review letter on _____, indicating that the documentation was adequate.

☐ Land managing agency declined to review the _____, but a courtesy copy of the document was submitted.

11-2

3. Tribal Sensitive Species

☐ The project occurs on _____ tribal lands.

Species analyzed in detail	Anticipated effects/Determination and reason

1. Required mitigation measures:
 2. Date of Tribal review(s):
 3. Other Tribal coordination: _____

☐ The Tribe declined to review the _____ but; a courtesy copy of the document was submitted.

11-3

4. Arizona Species of Concern

Project occurs on _____ land; therefore, no coordination with AGFD was required.

☐ AGFD coordination

☐ AGFD sent a Sensitive Species list.
☐ AGFD requested _____
☐ AGFD did not respond or did not respond with a Sensitive Species list.

☐ Sensitive Species

Sensitive species AGFD requested specific consideration for, or species that ADOT has determined a need to address: _____

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¹⁵ http://www.azdot.gov/EEG_common/documents/files/biology/bioregions.pdf

**Page 11. Sensitive Biological Resources Analysis Sheet
(continued)****11.3 Arizona Species of Concern (continued)**

unless the land-managing agency requests coordination with AGFD. If the project occurs on both federal and non-federal lands, modify the text to identify that this section applies only to portions of the project on non-federal lands. Ensure that the limits of the federal land are designated on page 4, *Item 4-5. Land Ownership and Land Use* and on project maps as applicable.

AGFD will be scoped as part of the agency scoping process. If AGFD provides a sensitive species list, check the applicable box and include the correspondence with the submittal and list on page 1. If AGFD responded requesting additional information or with other concerns, check the applicable box and include a brief explanation. If AGFD requested specific consideration for a specific species, check the "Sensitive Species" box, identify the species, and include a discussion of AGFD concerns and how these were addressed. Also include specific mitigation here, on page 9, in the clearance memorandum, and in the *Mitigation Measures Sheet*.

Page 12. Sensitive Biological Resources Analysis Sheet (continued)

12-1. Native Plants

The Arizona Native Plant Law applies only to listed plants that are naturally occurring, not landscaped or planted individuals. The Arizona Department of Agriculture maintains the most current species list.¹⁶ The Arizona Department of Agriculture has no jurisdiction on tribal land or federal land. If the project occurs on tribal land, delete this section; if the project occurs on federal land, delete this section unless the land-managing agency requests that the project follow the Arizona Native Plant Law. The biological report completed for the project will state if protected native plants are present in the project area. If protected native plants are present, but will not be impacted (i.e., will be avoided by construction), check the applicable box and include an explanation.

If protected native plants will be impacted, verify the landowner of the project area. If the project is located on federal lands, check the applicable box. If the federal land manager requests that the project follow the Arizona Native Plant Law, check the applicable box, insert the name of the land managing agency, and include a brief description of the coordination and list and applicable mitigation here, in the *Mitigation Measures Sheet*, and in the clearance memorandum.

If the project is located on nonfederal lands, the Arizona Department of Agriculture must determine the disposition of the plants. Check the applicable box, and include this mitigation in the *Mitigation Measures Sheet*, and in the clearance memorandum.

12-2. Other Wildlife and Habitat Concerns

Refer to the biological document and any responses received during the agency scoping/coordination process to identify other wildlife and habitat concerns. Indicate in the table if other wildlife/habitat concerns were identified and include applicable mitigation in the table, in the mitigation measures section, in the clearance memorandum, and on the *Mitigation Measures Sheet*.

12-3. Mitigation Measures

Include all applicable mitigation specific to sensitive biological resources, including mitigation necessary for avoidance. List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities).

Project No. _____
 TRACS No. _____
 Project Name _____

12-1

5. Native Plants (Arizona Department of Agriculture's list of protected native plants)

☐ There are existing protected native plants within the project limits that will not be impacted because _____.

☐ Native plant impacts

Federal Land

☐ There are existing protected native plants on _____ lands in the project limits that will be impacted. The Arizona Department of Agriculture has no jurisdiction on federal lands.

☐ The _____ has requested that the project follow the Arizona Native Plant Law, and _____.

Non Federal Land

☐ Protected native plants on nonfederal land within the construction limits will be impacted by the project; therefore, the ADOT Roadside Development Section will notify the Arizona Department of Agriculture at least 60 days prior to the start of construction so that the Arizona Department of Agriculture can determine the disposition of these plants.

12-2

6. Other Wildlife and Habitat Concerns

Item	No issue	Issue	Mitigation
Riparian	<input type="checkbox"/>	<input type="checkbox"/>	
Wetland	<input type="checkbox"/>	<input type="checkbox"/>	
Game species	<input type="checkbox"/>	<input type="checkbox"/>	
Wildlife connectivity	<input type="checkbox"/>	<input type="checkbox"/>	
Migratory birds	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

12-3

Mitigation Measures

12-4

Roadside Development Section Responsibilities

- Protected native plants within the project limits will be impacted by this project; therefore the ADOT Roadside Development Section will notify the Arizona Department of Agriculture at least 60 days prior to the start of construction so that the Arizona Department of Agriculture can determine the disposition of these plants.

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¹⁶ <http://www.azda.gov/ESD/nativeplants.htm>

**Page 12. Sensitive Biological Resources Analysis Sheet
(continued)**

12-4. Mitigation: Native Plants

Delete this protected native plant mitigation if it is not applicable; if the project area includes areas of federal land, modify the mitigation appropriately. The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

		Project No. _____ TRACS No. _____ Project Name _____
Invasive Species Analysis Sheet		
13-1	<input type="checkbox"/> Invasive species concerns:	
<hr/>		
Mitigation Measures		
13-2	<u>Design Responsibilities</u>	<ul style="list-style-type: none"> All disturbed soils that will not be landscaped or otherwise permanently stabilized by construction will be seeded using species native to the project vicinity.
13-3	<u>Contractor Responsibilities</u>	<ul style="list-style-type: none"> To prevent the introduction of invasive species, all earth-moving and hauling equipment shall be washed at the contractor's storage facility prior to entering the construction site. To prevent invasive species seeds from leaving the site, the contractor shall inspect all construction equipment and remove all attached plant/vegetation debris prior to leaving the construction site. All disturbed soils that will not be landscaped or otherwise permanently stabilized by construction shall be seeded using species native to the project vicinity.
13-4	<u>Railroad Responsibilities</u>	<ul style="list-style-type: none"> To prevent the introduction of invasive species, all earth-moving and hauling equipment shall be washed at the contractor's storage facility prior to entering the construction site. To prevent invasive species seeds from leaving the site, the contractor shall inspect all construction equipment and remove all attached plant/vegetation debris prior to leaving the construction site. All disturbed soils that will not be landscaped or otherwise permanently stabilized by construction shall be seeded using species native to the project vicinity.

Page 13. Invasive Species Analysis Sheet

Email a copy of the project scoping letters to the ADOT NRMS regional contact and copy the ADOT EPG Regional Biologist. Include in the project description any ground-disturbing activities that will be required for the project. If NRMS does not identify any invasive species concerns, delete this page from the document, and ensure that only the first three mitigation measures (*Item 13-2*) are present in the *Mitigation Measures Sheet* and in the clearance memorandum.

13-1. Invasive Species Concerns

Check the box if the invasive species concerns are identified by NRCS. Summarize any information provided by NRCS. If specific invasive species are identified, list the invasive species found in the project area—if more than two species were identified use a bullet format. For all species, write the common name and include the scientific name, in italics, in parenthesis immediately following the common name. For example: Russian Knapweed (*Acroptilon repens*).

13-2. –13-4. Mitigation Measures

If the project is not a Railroad Project, delete the "Railroad Responsibilities" mitigation (*Item 13-4*), and include the remaining mitigation (*Items 13-2 and 13-3*). If the project is a Railroad Project delete mitigation in *Items 13-2 and 13-3*. Mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Wetland Area(s) Analysis Sheet	
Project No. _____ TRACS No. _____ Project Name _____	
14-1	<input type="checkbox"/> Wetland areas within the project vicinity will not be impacted because these areas will be avoided by construction. <input type="checkbox"/> Erosion control or stormwater management measures will be used to protect the wetland(s).
14-2	<input type="checkbox"/> Control Measures. (refer to the <i>AZPDES/NPDES Analysis Sheet</i>) <input type="checkbox"/> None will be used.
14-3	<input type="checkbox"/> Wetland areas will be impacted by the project. 1. Location of wetland(s) affected by the project. 2. Describe proposed work in the wetland(s) 3. List observed or expected waterfowl and wildlife inhabiting or dependent on the wetland. :
14-4	<input type="checkbox"/> FHWA Wetland Policy (23 CFR § 777) applies <input type="checkbox"/> Individual Wetland Finding required.
14-5	<input type="checkbox"/> Section 404 Permit required (refer to <i>Clean Water Act Compliance Analysis Sheet</i>). <input type="checkbox"/> Wetland has been determined as waters. Corps File Number: <input type="checkbox"/> Section 404 Permit type: <input type="checkbox"/> The project has been coordinated with the Corps and .
14-6	Mitigation Measures

Page 14. Wetland Area(s) Analysis Sheet

Determine if wetland(s) are present within the project area.¹⁷ If wetland(s) are not present in the project vicinity, delete this page from the document. If wetlands will be impacted, a Section 404 Permit may be required. **If any work occurs in wetland(s), the CE is non-programmatic.**

14-1. Wetland(s)

Determine if wetland(s) will be avoided or impacted by the project, and check the applicable box. If no mitigation is necessary for avoidance, explain how/why the area will be avoided (at bottom of slope where no work will occur, etc.).

14-2. Erosion Control/Stormwater Management

If specific erosion control or stormwater management measures will be used to protect the wetland(s), check the applicable box, and include a list of the mitigation measures, or refer to the *AZPDES/NPDES Analysis Sheet*.

14-3. Wetland Impacts

If wetland(s) will be impacted, list the location of the wetland(s), the proposed work occurring in the wetland, and observed and/or expected waterfowl/wildlife inhabiting or dependent on the wetland—this information should be consistent with the *Sensitive Biological Resources Analysis Sheet*.

14-4. FHWA Wetland Policy (23 CFR § 777)

Review the FHWA Wetland Policy to determine applicability.¹⁸

14-5. Section 404 Permit

If the wetland has been delineated and determined to be under the jurisdiction of the Corps, check the applicable box and state the Corps File Number. If a Section 404 Permit is required, include the permit number (if a NWP) or state that an Individual Permit is required. If the wetland is not a Waters, and no permit is required, check the applicable box and include a summary of coordination with the Corps.

14-6. Mitigation Measures

Include all applicable mitigation measures specific to the wetland(s), including mitigation necessary for avoidance. List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

¹⁷ <http://www.fhwa.dot.gov/hep/23cfr777.htm>

¹⁸ http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=b11b552b1c0eded0c0417763994b9436&tpl=/ecfrbrowse/Title23/23cfr777_main_02.tpl

Riparian Area(s) Analysis Sheet	
	Project No. _____ TRACS No. _____ Project Name _____
15-1	<input type="checkbox"/> Riparian area(s) within the project vicinity will not be impacted because these areas will be avoided by construction.
15-2	<input type="checkbox"/> Erosion control or stormwater management measures will be used to protect the riparian area(s). <div style="display: flex; justify-content: space-between; font-size: small;"> <div> <input type="checkbox"/> Control Measures. <input type="checkbox"/> None will be used. </div> <div>(refer to the <i>AZPDES/NPDES Analysis Sheet</i>)</div> </div>
15-3	<input type="checkbox"/> Riparian area(s) will be impacted by the project. <div style="margin-left: 20px;"> 1. Location of the riparian area(s) affected by the project. 2. Proposed work in the riparian area(s). 3. List observed or expected wildlife and plants inhabiting or dependent upon the riparian area(s). </div>
15-4	<input type="checkbox"/> Section 404 permit required (refer to <i>Clean Water Act Compliance Analysis Sheet</i>). <input type="checkbox"/> Riparian area has been determined as waters. Corps file no. _____ <input type="checkbox"/> Section 404 Permit type: _____ <input type="checkbox"/> The project has been coordinated with Corps and _____
15-5	<div style="border-top: 1px solid black; margin-top: 0;"> Mitigation Measures <div style="height: 100px;"></div> </div>

Page 15. Riparian Area(s) Analysis Sheet

Determine if riparian area(s) are present within the project area (this is not applicable to xeroriparian areas). If riparian area(s) are not present in the project vicinity, delete this page from the document. If riparian area(s) will be impacted by the project, a Section 404 Permit may be required. Include mitigation measures where applicable in the following sections, and include again in *Item 19-5*.

15-1. Riparian Area(s)

Determine if riparian area(s) will be avoided or impacted by the project and check the applicable box. If no mitigation is necessary for avoidance, explain how/why the area will be avoided (e.g., at bottom of slope where no work will occur, etc.).

15-2. Erosion Control/Stormwater Management

If specific erosion control or stormwater management measures will be used to protect the riparian area(s), check the applicable box, and include a list of the mitigation measures, or refer to the *AZPDES/NPDES Analysis Sheet*.

15-3. Riparian Impacts

If riparian area(s) will be impacted, list the location of the area(s), the proposed work occurring in the riparian area, and observed and/or expected flora/fauna inhabiting or dependent on the riparian area—this information should be consistent with the *Sensitive Biological Resources Analysis Sheet*.

15-4. Section 404 Permit

If the riparian area has been delineated and determined Waters, check the applicable box and state the Corps File No. If a Section 404 Permit is required, include the permit number (if a NWP) or state that an Individual Permit is required. If the riparian area is not a Waters, and no permit is required, check the applicable box and include a summary of coordination with the Corps.

15-5. Mitigation Measures

Include all applicable mitigation measures specific to the riparian area(s), including mitigation necessary for avoidance. List mitigation in bullet form, separated by responsibility (e.g., Design Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

		Project No. _____ TRACS No. _____ Project Name _____
		100-Year Floodplain Analysis Sheet
16-1		<p>FIRM Map No(s).</p> <p><input type="checkbox"/> The project is located within a 100-year floodplain.</p> <p><input type="checkbox"/> The project is within a 100-year floodplain. Because the project is on an existing alignment, the project will not substantially modify the topography in the project area. Therefore, no impacts to floodplains are anticipated.</p> <p><input type="checkbox"/> The project will impact a 100-year floodplain.</p> <p><input type="checkbox"/> The 100-year floodplain has not been delineated.</p> <p>The project is located in an area that has not been delineated on the FEMA FIRM for the 100-year floodplain. Impacts to floodplains typically occur when the topography within a floodplain is substantially modified either by placement or removal of materials within the floodplain. Because this is _____ project on existing alignment, this project will not substantially modify the floodplain topography in the project area. Therefore, no impacts to floodplains are anticipated.</p> <p><input type="checkbox"/> The floodplain manager has been apprised of the project and _____</p> <p><input type="checkbox"/> Other.</p>
16-2		<p>Mitigation Measures</p> <p><u>Design Responsibilities</u></p> <ul style="list-style-type: none"> ▪ _____ will be provided an opportunity to review and comment on the design plans.
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Page 16. 100-Year Floodplain Analysis Sheet

Review FEMA 100-year FIRMs on the FEMA website¹⁹. Include all floodplain FIRM numbers that occur in the project area and the effective or revision date for each FIRM, where indicated. Include the FEMA FIRM numbers even if the 100-year floodplain has not been delineated. If the project is not located within a 100-year floodplain, delete this page from the document.

16-1. FIRM Map No(s)

Determine if the project is within a 100-year floodplain. If a determination cannot be made whether or not the project is within a 100-year floodplain, contact the county flood control district or the local floodplain manager for assistance.

If the project is within a floodplain, determine if the floodplain will be impacted by the project. Impacts typically occur when topography within the floodplain is substantially modified either by placement or removal of materials within the floodplain. If the project will impact a 100-year floodplain, check the applicable box and provide an explanation of project impacts. Additionally, follow the requirements of 23 CFR Part 650(A). Contact the ADOT NEPA Planner and develop summary text to be included in the document.

If the floodplain has not been delineated for the project area, check the applicable box, and include the type of project in the paragraph where prompted.

Include the floodplain manager in the scoping process if the project is within a 100-year floodplain, or if the floodplain is not delineated. Check the box indicating that the floodplain manager has been apprised of the project, and include a statement regarding any comments received (e.g., "and has no comment on the project").

16-2. Mitigation Measures

If the project is located within a 100-year floodplain, fill in the floodplain manager's agency at the beginning of the mitigation measure. For example: "The City of Flagstaff Engineer will be provided an opportunity to review and comment on the design plans." If there is additional mitigation, list it in bullet form, separated by responsibility (e.g., Design Responsibilities and/or Contractor Responsibilities). All mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

¹⁹ www.fema.gov

Clean Water Act Compliance Analysis Sheet

Project No. _____
 TRACS No. _____
 Project Name _____

Section 404 Permit

- 17-1 ☐ Waters are present in the project area, but will not be impacted by the project because _____.
- 17-2 ☐ Fill or dredged material will be placed in Waters of the United States.
 Area of disturbance within Waters of the United States: _____
 Location: _____
- 17-3 ☐ MOU between USFWS and the Corps dated March 2003 on the cactus ferruginous pygmy owl applies.
- 17-4 ☐ Nationwide Section 404 Permit from Corps required.
 NWP Number _____
☐ Without a PCN
☐ With a PCN, because _____
 Corps File Number _____
- 17-5 ☐ Individual Section 404 Permit required.
 Corps File Number _____

Section 401 Water Quality Certification

- 17-6 Jurisdictional waters that will be affected by this project:
☐ Tribal ☐ Unique ☐ Other
- The use of a Section 404 Permit in the above waters is:
☐ Certified ☐ Conditionally Certified ☐ Individually Certified
- 17-7 ☐ Project on non-tribal lands.
 Section 401 Water Quality Certification is authorized by ADEQ.
- ☐ Project on tribal lands, except the Fort Apache Indian Reservation.
 Section 401 Water Quality Certification is authorized by EPA.
- ☐ Project on the Fort Apache Indian Reservation. The Section 401 Water Quality Certification is authorized by the White Mountain Apache Tribe.

Mitigation Measures

17-8

Page 17. Clean Water Act Compliance Analysis Sheet

Determine Section 404 applicability (no involvement, NWP, or Individual Permit required). If the project has no involvement with Waters, delete this page from the document. If Waters are involved with the project, refer to ADOT's *Section 404 – 401 Procedures, Applications and Permits Guidance*²⁰. **If an individual permit or NWP No. 23 is required, the CE is non-programmatic.**

Section 404 Permit

17-1. Waters Not Impacted

If Waters are present within the project area, but will not be impacted (e.g., will be avoided by construction), check the applicable box, and include any necessary avoidance mitigation.

17-2. Impacts to Waters

If the project will impact Waters, check the applicable box and include the area (in acres, cubic yards, linear feet, etc.) as applicable to specific permit requirements. State the location (in MP where possible) where the impacts will occur.

17-3. USFWS/Corps MOU regarding cactus ferruginous pygmy-owl

If Waters are impacted as part of the project, determine if the March 2003 MOU between the USFWS and the Corps applies. If it applies, check the applicable box, and verify that the applicable permit and biological effect determination have been identified.

17-4. Nationwide Section 404 Permit

If a NWP is required, check the applicable box and include the NWP Number where prompted. Determine if a PCN is required, and check the applicable box. If a PCN is required, include the Corps File Number, and ensure that Special Conditions are included in the mitigation measures. For all NWPs, include all applicable General and Regional Conditions to both the clearance memorandum and the environmental document. **If the activity is permitted under a NWP 23, contact the ADOT NEPA Planner for guidance; a CE using a NWP No. 23 is non-programmatic.**

17-5. Individual Section 404 Permit

If an Individual Section 404 Permit is required, check the applicable box and include the Corps File Number. Ensure that the applicable terms, General, Special, and Regional conditions are included. If the project is state-funded and an individual permit is required, contact the ADOT NEPA

²⁰ http://www.azdot.gov/EEG_common/documents/section_404.asp

Page 15. Clean Water Act Compliance Analysis Sheet (continued)

Planner for guidance. Section 401 Water Quality Certification is mandatory for any activity that requires a Section 404 permit. A Section 401 Certification is required prior to discharging any dredged or fill materials into a Waters.

17-6. Type of Impacted Water

Identify if the Waters to be impacted by the project are considered “Tribal”, “Unique”, or “Other” waters and check the applicable box. “Tribal waters” are any Waters occurring on tribal lands. “Unique Waters” are located on non-tribal land and designated by ADEQ.²¹ “Other Waters” are all Waters on non-tribal lands for which Section 401 Certification has not been specifically denied.

17-7. Section 401 Certification

Determine the requirements for the Section 401 Certification (i.e., certified, conditionally certified, individually certified). Based on the land jurisdiction of the Waters, check the applicable boxes and include file numbers. Attach Section 401 Certification conditions or individual Section 401 Certifications to the clearance memorandum and environmental document and list on Page 1 (refer to *Item 1-5. Enclosed Attachments*).

For projects requiring Individual Certification on non-tribal lands, submit the Section 401 application (hard copy), including Best Management Practices or other measures that are proposed to minimize watercourse impacts, to Robert Scalamera at ADEQ, Mail Stop 5415A-1, 1110 West Washington Street, Phoenix, Arizona, 85007; 602.771.4502; scalamera.robert@azdeq.gov. The documentation should be in the form of a list of conditions.

For projects requiring Individual Certification on tribal lands (except the Fort Apache Reservation), the application is submitted to EPA Region IX, San Francisco Office, Mail Code WTR 8, 75 Hawthorn Street, San Francisco, CA 94105. For projects on the Fort Apache Reservation, contact Doreen Gatewood at 928.338.2467.

15-8. Mitigation Measures

Delete all headings in this section once the applicable mitigation has been selected. Determine which mitigation measures apply to the project based on the Section 404 permit requirements; delete all non-applicable mitigation. For all mitigation, change “permittee” to “contractor” and spell out all acronyms and abbreviations. List “main” mitigation measures in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*. Do not number the conditions; rather, list in bullet format. Mitigation relative to referenced terms, general, and special conditions should be indented from the main mitigation measure.

²¹ <http://www.azdeq.gov/environ/water/permits/download/uniquewat.pdf>

Page 18. Clean Water Act Compliance Analysis Sheet (continued)**18-1. Mitigation: NWP without a PCN**

Insert the NWP number (e.g., 14) in the first mitigation, and list the applicable Section 404 NWP General Conditions below—indented from the first mitigation. List the applicable Section 401 Certification conditions below the second mitigation (refer to *Item 17-2* below for Section 401 condition replacements as applicable). Attach the NWP and Section 401 conditions to the clearance memo and environmental document, indicating such on Page 1 (refer to *Item 1-5. Enclosed Attachments*).

If the project requires a PCN or is permitted with an Individual Permit, delete the mitigation measures in this item.

18-2. Mitigation: Section 404 Permit with PCN or Individual Permit

Insert the permit type (i.e., verify all “Individual Permit” or “Nationwide Permit No. 14) in the first form field, and list applicable Section 404 NWP General Conditions, followed by any special conditions below—indented from the first mitigation. Insert the type of Water Quality Certification and the Certifying Agency in the second mitigation (refer to *Item 17-2* below for Section 401 condition replacements as applicable). Attach the “Environmental Protection on Arizona Department of Transportation Projects Instructions to Contractors”, the “Checklist for Environmental Compliance”, the NWP and Section 401 Water Quality Certification, general, regional (as applicable), and special conditions to the clearance memo, and the environmental document, indicating such on Page 1 (refer to *Item 1-5. Enclosed Attachments*). If the activity is authorized under a NWP without PCN, or if the PCN is pending, delete the mitigation measures in this item.

Project No. _____
TRACS No. _____
Project Name _____

Section 404 NWP Without PCNContractor Responsibilities

- The contractor shall comply with all terms and conditions of the attached Section 404 Nationwide Permit No. _____ as established by the US Army Corps of Engineers. The terms and general conditions include, but are not limited to, the following:
 -
 -
- The contractor shall comply with all terms and conditions of the Section 401 Conditional Water Quality Certification, certified by the Arizona Department of Environmental Quality. The terms and conditions include but are not limited to the following:
 -
 -

Section 404 NWP With PCN or Individual PermitDistrict Responsibilities

- Prior to construction the Engineer will have the contractor review the attached “Environmental Protection on Arizona Department of Transportation Projects Instructions to Contractors” and review and sign the “Checklist for Environmental Compliance.” The Engineer will also sign the Checklist and return it to the US Army Corps of Engineers prior to construction.
- Upon completion of construction, the Arizona Department of Transportation Engineer will sign the “Certification of Compliance with the Department of the Army Nationwide Permit” and return it to the US Army Corps of Engineers.

Contractor Responsibilities

- Prior to construction, the contractor shall review the attached “Environmental Protection on Arizona Department of Transportation Projects” and review and sign the “Checklist for Environmental Compliance.”
- The contractor shall comply with all terms, general and special conditions of the attached US Army Corps of Engineers’ Section 404 _____. The terms, general, and special conditions include, but are not limited to, the following:
 -
 -
- The contractor shall comply with all terms and conditions of the Section 401 _____ Water Quality Certification certified by the _____. The terms and conditions include, but are not limited to, the following:
 -
 -

19-1. Mitigation: Section 404 Permit with PCN Pending

19-2. Mitigation: Section 401 Water Quality Certification

- The Contractor is responsible for obtaining all other permits, certifications, and licenses that may be required by federal, state, or local authorities. Activities which may require other approvals include: construction activities (Arizona Pollutant Discharge Elimination System Water Permit), use of reclaimed wastewater for dust control or irrigation (Reclaimed Water Permit), or dewatering of construction sites to a surface waterbody (Arizona Pollutant Discharge Elimination System Process Wastewater Permit).

- Material used for the construction of dikes, berms, or channels shall contain no more than 10% of particles finer than 0.297 millimeter diameter (passing a No. 50 sieve) on a dry weight basis. The contractor shall provide to the Engineer a letter of certification that such materials meet these requirements. Such requirements shall be in addition to all other earthwork and material requirements specified in the *Arizona Department of Transportation Standard Specifications for Road and Bridge Construction*, Section 203 (2000 Edition), "Earthwork."

Page 20. Prime or Unique Farmlands Analysis Sheet

Determine if farmland is present within and/or adjacent to the project limits and check the applicable box. If farmland is not located within or adjacent to the project footprint, delete this page from the document.

20-1. Presence of Farmland

If farmland is present within or adjacent to the project limits, check the applicable box(es).

20-2. Type of Farmland

Determine if the farmland in the project area is prime, unique, or of statewide or local importance, by contacting the Natural Resources Conservation Service and applicable State/Local agencies as needed, and check the applicable box. If the farmland within the the project area has not been designated as either prime, unique, or of statewide or local importance, or if the farmland is not actually used as agricultural land, no other impact analysis is required on this sheet.

20-3. Farmland Impacts

Determine the project's impact to farmland. If farmland within the project limits will not be impacted by the project, check the applicable box and explain why there will be no impact and include any necessary avoidance mitigation.

If farmland will be impacted and the project is state-funded, check the applicable box, identify the number of acres impacted, and describe the impacts.

If the project is federally funded, and the farmland to be impacted has already been in, or committed to, urban development or water storage, check the applicable box—no Farmland Conversion Impact Rating Form is required.

If a federally funded project impacts farmland that has not been committed to currently developed, determine if the project is considered a “corridor-type project,” check the applicable box, and complete either the Farmland Conversion Impact Rating form (AD-1006) or the Farmland Conversion Impact Rating, Corridors form (NRCS-CPA-106). Attach the form, as well as instructions for the form, and list the form on Page 1 (refer to *Item 1-5. Enclosed Attachments*). Insert information regarding the area removed from farming (in acres) and the number of farms that will be impacted by the conversion as applicable.

20-4. Mitigation Measures

Include all applicable mitigation measures specific to specially designated farmlands. List mitigation in bullet form, separated by responsibility (e.g., Design Responsibilities, Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

	Project No. _____ TRACS No. _____ Project Name _____
Prime or Unique Farmlands Analysis Sheet	
<div style="border-left: 1px solid black; padding-left: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center; border-bottom: 1px solid black; margin-bottom: 10px;"> 20-1 <div> 1. Presence of farmland: <input type="checkbox"/> Within the project limits. <input type="checkbox"/> Adjacent to the project limits. </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; border-bottom: 1px solid black; margin-bottom: 10px;"> 20-2 <div> 2. Type of farmland: <input type="checkbox"/> prime <input type="checkbox"/> unique <input type="checkbox"/> statewide importance <input type="checkbox"/> local importance <input type="checkbox"/> Farmland has no special designation <input type="checkbox"/> Farmland is not used for agriculture </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; border-bottom: 1px solid black; margin-bottom: 10px;"> 20-3 <div> 3. Farmlands not impacted by project. <input type="checkbox"/> There is farmland within the project area, but it will be avoided by construction because <input type="checkbox"/> There is farmland adjacent to the project area, but all construction activities will be within the existing right-of-way. 4. Farmlands impacted by project. a. State funded Projects <input type="checkbox"/> _____ acres of farmland will be impacted. Impacts consist of _____ b. Federally funded projects <input type="checkbox"/> The farmland adjacent to the project area has already been in, or committed to, urban development or water storage. <input type="checkbox"/> Farmland will be impacted; form _____ attached. <input type="checkbox"/> _____ acres removed from farming. <input type="checkbox"/> _____ farm operation(s) from which land will be acquired. <input type="checkbox"/> Farmland will be impacted in a corridor-type project; form _____ attached. <input type="checkbox"/> _____ acres removed from farming. <input type="checkbox"/> _____ farm operation(s) from which land will be acquired. </div> </div> </div>	
<div style="border-left: 1px solid black; padding-left: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center; border-bottom: 1px solid black; margin-bottom: 10px;"> 20-4 <div> Mitigation Measures </div> </div> </div>	

Sole Source Aquifer Analysis Sheet	
	Project No. _____ TRACS No. _____ Project Name _____
	Located in _____
21-1	<input type="checkbox"/> Section 1424(e) review by the EPA is required. <input type="checkbox"/> Project includes rest areas or scenic outlooks that include a sewage disposal station. <input type="checkbox"/> Project involves a new or existing well. <input type="checkbox"/> FHWA in consultation with EPA determined the project may potentially affect the aquifer through its recharge zone so as to create a significant hazard to public health. <input type="checkbox"/> Other FHWA/EPA determination of project review. <input type="checkbox"/> EPA review completed _____ Letter(s) dated _____
21-2	<input type="checkbox"/> Section 1424(e) review by the EPA is not required. <input type="checkbox"/> Project is processed as a CE as outlined in 23 CFR Part 771 § 115(b) and § 117. <input type="checkbox"/> EPA was notified of the project by FHWA on _____
21-3	<div style="border: 1px solid black; height: 150px; margin-top: 5px;"> <div style="border-bottom: 1px solid black; padding-bottom: 5px; margin-bottom: 5px;">Mitigation Measures</div> </div>

Page 21. Sole Source Aquifer Analysis Sheet

Include this section only if the project is located in Upper Santa Cruz & Avra Basin or Bisbee-Naco sole source aquifer areas. To determine whether the project area is located in a sole source aquifer, refer to the EPA, Region IX, designated sole source aquifer maps, located on the EPA Sole Source Aquifer website²². If the aquifer boundary is still difficult to define, contact the EPA Region IX representative (John Ungvarsky/ ungvarsky.john@epa.gov / 415.972.3963). If the project is not located within a sole source aquifer, delete this page from the document.

21-1. EPA Safe Drinking Water Act Section 1424(e) review

Refer to the current EPA/FHWA MOU regarding the Sole Source Aquifer review pursuant to *Section 1424(e) of the Safe Drinking Water Act* to determine if an EPA review is required (the ADOT NEPA Planner can provide a copy). If the project requires a Section 1424(e) review, check the applicable boxes to indicate why the review was required, summarize the results and include the date of the review. Attach all correspondence from the EPA to the document, and list in Page 1 (refer to *Item 1-5. Enclosed Attachments*).

21-2. EPA Notification

If the project does not require a Safe Drinking Water Act Section 1424(e) review by EPA, check the applicable box(es). FHWA must notify the EPA of all projects processed as a CE that will not require a Safe Drinking Water Act Section 1424(e) review by EPA. Include the notification date where prompted, attach the notification to the document, and list in Page 1 (refer to *Item 1-5. Enclosed Attachments*).

21-3. Mitigation Measures

Include any mitigation measures specific to sole source aquifers, including those required by the ADOT NEPA planer, FHWA, or the EPA. List mitigation in bullet form, separated by responsibility (e.g., Design Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

²² www.epa.gov/safewater/swp/ssa/reg9.html

		Project No. _____ TRACS No. _____ Project Name _____
Wild and Scenic Rivers Analysis Sheet		
22-1	<input type="checkbox"/> A listed or recommended-for-listing wild and scenic river(s) is (are) in the vicinity of the project.	
	<input type="checkbox"/> This project will have no affect to the river.	
22-2	<input type="checkbox"/> The project will affect, but will not adversely affect the river. The work for this project includes _____. Because the work will not result in a destruction or alteration of all or part of the free flowing nature of the river; introduce visual, audible, or other sensory intrusions which are out of character with the river or its setting; result in the deterioration of water quality; or require a transfer or sale of property adjacent to the river, the work will not negatively affect or downgrade the natural, cultural, and recreational values associated with the suitability of this segment of the river for inclusion in the Wild and Scenic River System.	
	<input type="checkbox"/> The _____ concurred that the project will not adversely affect the _____ on _____.	
22-3	<div style="border: 1px solid black; padding: 5px; min-height: 150px;"> Mitigation Measures </div>	

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Page 22. Wild and Scenic Rivers Analysis Sheet

Determine if a recommended for listing, or designated, Wild and/or Scenic River is present in the vicinity of the project area.²³ If the project is not in the vicinity of a wild and scenic river (or a recommended wild and scenic river), delete this page from the document. Publicly owned waters of designated wild and scenic rivers are Section 4(f) resources. **If the project involves construction in, across, or adjacent to a river designated or proposed for inclusion in the National System of Wild and Scenic rivers, the CE is non-programmatic.**

22-1. Wild/Scenic River

If a designated wild and scenic river, or a river recommended for listing, occurs within the project area, insert the name of the river.

22-2. Project Affect

Determine if the project will have an affect to the river. If the project will not impact the river, check the applicable box and either include mitigation for avoidance, or include an explanation of why the river will not be impacted.

If the project will affect the river, determine if the project will have an adverse effect on the river as outlined in *Guide for Identifying Potential Adverse Effects*.²⁴ If the project could adversely affect a river designated—or recommended for designation—to the Wild and Scenic River System, contact the ADOT NEPA Planner immediately to determine whether a CE is the applicable level of NEPA documentation. Coordinate with the agency responsible for managing the river. After coordination is complete, describe the potential impacts to the river, explain why the effects are not adverse, and include information on the agency coordination/concurrence (e.g., NPS) with the effect determination.

22-3. Mitigation Measures

Mitigation to minimize effects to rivers designated—or recommended for designation—to the Wild and Scenic River System must be developed in coordination with ADOT, FHWA (as applicable), and the agency responsible for managing the river prior to submittal of the environmental document. List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

²³ www.nps.gov/rivers/wildriverslist.html; www.nps.gov/rivers/wsract.html

²⁴ <http://environment.fhwa.dot.gov/guidebook/vol1/doc15c.pdf>

		Project No. _____ TRACS No. _____ Project Name _____
	Navigable Waters Analysis Sheet	
23-1	<input type="checkbox"/> Coordination with USCG: Date _____ <div style="margin-left: 20px;"> <input type="checkbox"/> USCG permit required <input type="checkbox"/> USCG permit not required </div>	
23-2	<input type="checkbox"/> Coordination with Corps: Date _____ <div style="margin-left: 20px;"> <input type="checkbox"/> Corps permit required <input type="checkbox"/> Corps permit not required </div>	
23-3	Mitigation Measures	

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Page 23. Navigable Waters Analysis Sheet

Determine if the project involves a navigable water (i.e., the Colorado River); if the project does not involve navigable water(s), delete this page. **If a USCG permit is required, the CE is non-programmatic.**

23-1. USCG Permit

Contact District 11 (David Sulouff/Dsulouff@11.uscg.mil) of the USCG as part of the project agency scoping. Once the coordination is complete, check the “Coordination with USCG” box, and enter the date of the consultation. Documentation of consultation should be attached to the document and listed in Page 1 (refer to *Item 1-5. Enclosed Attachments*).

In consultation with the USCG, determine if a USCG permit is required, check the applicable box, and include permit information or explain why the permit is not required. Also include mitigation required to preclude the need for a USCG permit, or as a condition of the permit.

23-2. Corps Permit

If the project involves a navigable water, contact the Corps as part of the project agency scoping. Once the coordination is complete, check the “Coordination with Corps” box, and enter the date of the consultation. Documentation of consultation should be attached to the document and listed in Page 1 (refer to *Item 1-5. Enclosed Attachments*).

In consultation with the Corps, determine if a Corps permit is required, check the applicable box, and include permit information or explain why the permit is not required. Also include mitigation required to preclude the need for a Corps permit, or as a condition of the permit. Refer to the *Clean Water Act Analysis Sheet* as applicable.

23-3. Mitigation Measures

Mitigation must be developed in cooperation with ADOT, FHWA (as applicable), USCG, and the Corps—as applicable—prior to submittal of the environmental document. List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Project No. _____
 TRACS No. _____
 Project Name _____

Archaeological Resources and Historic Properties Analysis Sheet

24-1 | 1. Survey Data
 ().

24-2 | 2. Archaeological/Historic Sites

24-3 | 3. THPO/SHPO Eligibility Determination

Site	ARHP/NRHP-Status	Criterion

24-4 | Agency concurrence of effect:

☐ No potential to effect ☐ No effect ☐ No adverse effect ☐ Adverse effect

24-5 | Agency concurrence date(s):

- ☐ BLM
☐ Reclamation
☐ USDA Forest Service
☐ THPO
☐ Tribe(s)
☐ ASLD
☐ SHPO
☐ Other

If previously unidentified cultural resources are encountered during activity related to the construction of the project, the contractor shall stop work immediately at that location and shall take all reasonable steps to secure the preservation of those resources. The ADOT Engineer will contact the ADOT Environmental Planning Group, Historic Preservation Team, at 602.712.7760 immediately, and make arrangements for proper treatment of those resources.

24-6 | Mitigation Measures

24-7 | Railroad Responsibilities

- If previously unidentified cultural resources are identified during construction, work will cease at that location and the _____ will arrange for proper treatment of these resources.

Page 24. Archaeological Resources and Historic Properties Analysis Sheet

Refer to the Section 106 consultation letter(s) and/or ADOT in-house memo. If no prehistoric or historic resources are present within the project's area of potential effect, attach the concurrence letter to Page 1 (refer to *Item 1-5. Enclosed Attachments*); cite the report in the *Environmental Impact Summary Sheet*, and delete this page from the document. All projects involving modifications to historic buildings or structures must comply with the *Secretary of the Interior Standards for the Rehabilitation of Historic Structures*, which is available from SHPO²⁵. **If an MOA is required, or there is a determination of "adverse effect," the CE is non-programmatic.**

24-1. Survey Data

State if the project limits have been surveyed; include the title, date, and author of the survey report in the following format: *A Cultural Resource Survey of US 60 from Apache Junction to Florence Junction, in Pinal County, Arizona* (Grafil 2000).

24-2. Archaeological/Historic Sites

List sites present in the project area of potential effect in bullet format with a brief description of each site (e.g., *a historic road alignment*). If sites are eligible under criterion A, B, or C, include the location of the sites. **Do not include specific location information for sites eligible under criterion D. If a site is eligible under more than one criterion, and criterion D is one of them, do not include specific site information.**

24-3. THPO/SHPO Eligibility Determination

Refer to the Section 106 consultation letter(s) and identify site eligibility. List each site in its own row in the first column of the table. Include the site number for prehistoric sites and sites eligible under criterion D. Include the site number for historic sites eligible under criterion A, B, or C if a site number is assigned. In the "ARHP/NRHP-Status" column, insert one of the following: *Listed*, *Eligible*, *Not Determined*, or *Ineligible*. In the "Criterion" column, list the applicable criterion by including A, B, C, or D—if a site has been determined *Ineligible* state *N/A* in the Criterion column. Add rows to the table as needed.

24-4. Agency Concurrence of Effect

Refer to the Section 106 consultation letter(s), and check the applicable box corresponding to the Agency concurrence of project effect.

24-5. Agency Concurrence Date(s)

For each agency that was consulted during the Section 106 process, check the applicable box, insert the date of concurrence (i.e., signature date), include the concurrence letter Page 1 (refer to *Item 1-5. Enclosed Attachments*) and attach.

²⁵ <http://www.pr.state.az.us/partnerships/shpo/shpo.html>

**Page 24. Archaeological Resources and Historic Properties
Analysis Sheet (continued)**

24-6. –24-7. Mitigation Measures

Include project specific mitigation here. List mitigation in bullet form, separated by responsibility (e.g., Design Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*. If the documentation is not for a Railroad Project delete *Item 24-7*. If the documentation is for a Railroad Project insert the name of the Railroad in *Item 24-7*.

Page 25. Section 4(f) Resources Analysis Sheet

Determine if there is a Section 4(f) resource within the project vicinity²⁶; if there is none, delete this page from the document. Complete a *Section 4(f) Resources Analysis Sheet* for each Section 4(f) resource within the project area. Contact the ADOT NEPA Planner prior to proceeding with the Section 4(f) analysis. **If there is any use of properties protected by Section 4(f) of the US Department of Transportation Act, including projects that use the “Negative Declaration of Section 4(f),” the CE is non-programmatic. This includes those instances when a justification is made as to why there is no Section 4(f) involvement.**

25-1. Section 4(f) resource

Include the name, location (MP, street intersection, etc.), and the ownership/administration of the Section 4(f) resource where prompted. Under “Type”, check the applicable box(es); if checking “other,” include a description.

25-2. No Section 4(f) Involvement

If the Section 4(f) resource is present in the project area, but there is no Section 4(f) involvement, check the box and include a discussion of why Section 4(f) does not apply.

25-3. Actual or Constructive Use

Based on the definitions of use outlined in 23 CFR § 771.135, determine if the project will result in an actual (direct) or constructive (proximity impacts) use of the Section 4(f) resource; check the applicable box.

25-4. Temporary Occupancy

If the project will require a temporary occupancy of a Section 4(f) resource but does not result in the “use” of the resource because the conditions set forth under 23 CFR 771.135(p)(7) are met, check the box. Also include the name of the official(s) having jurisdiction over the resource, and attach the documented agreement regarding the Section 4(f) resource. Include the attachment with the document, and list on Page 1 (refer to *Item 1-5. Enclosed Attachments*).

25-5. Joint Planning

Determine if the project and the Section 4(f) resource were jointly planned. If there is no “use” of the Section 4(f) resource due to joint development, check the box and completely document all measures that have been taken to jointly develop the project and the resource.

	Project No. _____ TRACS No. _____ Project Name _____
Section 4(f) Resources Analysis Sheet	
25-1	Section 4(f) property name: _____ Location: _____ Ownership or administration: _____ Type: <input type="checkbox"/> public park <input type="checkbox"/> wildlife refuge <input type="checkbox"/> historic site <input type="checkbox"/> recreational lands <input type="checkbox"/> waterfowl refuge
25-2	<input type="checkbox"/> There is no Section 4(f) involvement.
<p>A “use” of a Section 4(f) resource, as defined in 23 CFR § 771.135(p), occurs: 1) when land is permanently incorporated into a transportation facility; 2) when there is a temporary occupancy of land that is adverse in terms of the statute’s preservationist purposes; or 3) when there is a constructive use of land. A constructive use of a Section 4(f) resource occurs when the transportation project does not incorporate land from resources, but the project’s proximity impacts are so severe that the protected activities, features, or attributes that qualify a resource for protection under Section 4(f) are substantially impaired. For example, a constructive use can occur when:</p> <ul style="list-style-type: none"> a) the projected noise level increase, attributable to the project, substantially interferes with the use and enjoyment of a noise-sensitive facility of a resource protected by Section 4(f); b) the proximity of the proposed project substantially impairs aesthetic features or attributes of a resource protected by Section 4(f), where such features or attributes are considered important contributing elements to the value of the resource. An example of such an effect would be the location of a proposed transportation facility in such proximity that it obstructs or eliminates the primary views of an architecturally significant historical building, or substantially detracts from the setting of a park or historic site which derives its value in substantial part due to its setting; and / or c) the project results in a restriction on access, which substantially diminishes the utility of a significant publicly-owned park, recreation area, or historic site. 	
25-3	<input type="checkbox"/> There is no actual (direct) use of this Section 4(f) resource. <input type="checkbox"/> The project will not result in a constructive use of this Section 4(f) resource.
25-4	<input type="checkbox"/> There is a temporary occupancy of land that is minimal; therefore, there is no “use” of land (no adverse impact to existing or future land use) as defined in 23 CFR § 771.135(p). The documented agreement by _____ is attached.
25-5	<input type="checkbox"/> The project and the Section 4(f) resource are concurrently planned or developed. The documented agreement between ADOT and _____ is attached.
25-6	<input type="checkbox"/> There is a “no effect” or “no adverse effect” determination on a site listed in or eligible for listing in the NRHP. Refer to attached letter of concurrence from _____.
25-7	<input type="checkbox"/> There is a minor use of a public park, recreation land, or wildlife/waterfowl refuge. <input type="checkbox"/> The project will result in a net benefit to the Section 4(f) resource.
25 August 2006	

²⁶ <http://environment.fhwa.dot.gov/guidebook/chapters/v2ch15.asp>

Page 25. Section 4(f) Resources Analysis Sheet (continued)**25-6. No Effect/No Adverse Effect**

If the project has been determined to have “no effect” or “no adverse effect” on a Section 4(f) resource listed in, or eligible for listing in the NRHP, check the box and attach the letter(s) of concurrence from SHPO/THPO/land managing agency. Include the attachment with the document, and list on Page 1 (refer to *Item 1-5*. Enclosed Attachments).

25-7. Minor Use/Net Benefit

If the project requires the minor use of, or is a betterment to, a Section 4(f) resource, investigate if a Nationwide Section 4(f) Programmatic Evaluation applies²⁷. Contact the ADOT NEPA Planner. If one of the programmatic evaluations may apply, check the applicable box and include a comprehensive discussion of the minor use or net benefit relative to the applicable programmatic agreement. The Section 4(f) discussion must be thorough, clearly document the items that have been reviewed, and provide the FHWA Division Administrator sufficient information and documentation to determine if a Nationwide Section 4(f) Programmatic Evaluation applies.

²⁷ <http://environment.fhwa.dot.gov/guidebook/chapters/v2ch15.asp>

Page 26. Section 4(f) Resources Analysis Sheet**26-1. Independent Bikeway/Walkway**

If the project is the construction of an independent bikeway/walkway that requires the use of a Section 4(f) recreation/park area, coordinate with the official having specific jurisdiction over the Section 4(f) resource. If the official provides written approval that the project is acceptable and consistent with the designated use of the property, and that all possible planning to minimize harm to the resource has been accomplished, check the box, insert the title and department of the official, and attach the written documentation. List the correspondence on Page 1 (refer to *Item 1-5. Enclosed Attachments*). Note: the negative declaration does not apply to projects that use land from a publicly owned wildlife or waterfowl refuge or any land from a historic site of national, state, or local significance; that require the use of critical habitat of endangered species; that include unusual circumstances (major impacts, adverse effects, or controversy); or that cover bicycle or pedestrian facilities that are incidental items of construction in conjunction with highway improvements having the primary purpose of serving motor vehicular traffic.

26-2. Actual/Direct Use Requiring a Non-Programmatic Evaluation

If the project requires the use of a Section 4(f) resource, and the Nationwide Section 4(f) Programmatic Agreements do not apply, check the box and contact ADOT NEPA Planner and FHWA for further guidance.

26-3. Mitigation Measures/Measures to Minimize Harm

Text must be coordinated with applicable officials having jurisdiction over the resource prior to submittal to ADOT/FHWA. If the Section 4(f) resource received Section 6(f) funds for development, mitigation measures may be constrained under Section 6(f) requirements.

List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

25-7
(cont)☐ There is a minor use of a historic site.☐ There is a minor use of a historic bridge.

26-1

☐ The project will construct an independent bikeway or walkway that requires use of a Section 4(f) park or recreation area. The documented approval by _____ is attached. In accordance with the FHWA memorandum (May 23, 1977), "Final Negative Declaration/Section 4(f) Statement for Independent Bikeway or Walkway Construction Projects," no individual Section 4(f) evaluation is required.

26-2

☐ There is an actual or direct use or constructive use of a Section 4(f) resource that does not meet the requirements of a programmatic Section 4(f) evaluation.

26-3

Mitigation Measures/Measures to Minimize Harm

Project No. _____
TRACS No. _____
Project Name _____

Page 27. Section 6(f) Resources Analysis Sheet

Determine if the project involves outdoor recreation lands acquired or developed with Section 6(f) funds.²⁸ If there is no Section 6(f) involvement, delete this page from the document. Complete a separate 6(f) page for each Section 6(f) resource in the project area.

27-1. Section 6(f) Resource

Include the name, type, location (MP or intersection), and ownership/administration for the Section 6(f) resource.

27-2. Section 6(f) Involvement

Determine if the property was acquired and/or developed with Section 6(f) funds, and check the applicable boxes.

27-3. Use of Section 6(f) Resource

If the project will impact the Section 6(f) resource but will not result in the conversion of lands acquired/developed with Section 6(f) funding to non-recreational purposes, check the box and include a brief explanation.

If the project will require the conversion of property acquired or developed with Section 6(f) funding to a non-recreational purpose, replacement land must be identified for transfer to the land managing agency. Contact the ADOT NEPA Planner for additional guidance prior to proceeding. Check the applicable boxes and attach the written concurrence from the land-managing agency and the NPS that the replacement lands are of equal value, location, and usefulness as the impacted lands.

27-4. Mitigation Measures

If the project will require the conversion of property acquired or developed with Section 6(f) funding to a non-recreational purpose, land transfer mitigation must be included. Text must be coordinated with applicable officials having jurisdiction over the resource (including NPS) prior to submittal to ADOT/FHWA.

List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Project No. _____ TRACS No. _____ Project Name _____	
Section 6(f) of the Land and Water Conservation Funds Act Analysis Sheet	
27-1	Property name: _____ Property type: _____ Location: _____ Ownership or administration: _____
27-2	<input type="checkbox"/> No conversion of Section 6(f) property lands. <input type="checkbox"/> Property acquired with Section 6(f) funds. <input type="checkbox"/> Property developed with Section 6(f) funds.
27-3	<input type="checkbox"/> Conversion of Section 6(f) property lands to a non-recreational purpose. <input type="checkbox"/> Is the political jurisdiction in question willing to relinquish the property and accept the proposed replacement property? <input type="checkbox"/> The political jurisdiction and the NPS have provided written approval of the land transfer.
<hr/> Mitigation Measures	
27-4	

²⁸ <http://waso-lwcf.ncrc.nps.gov/public/index.cfm>

Page 28. Visual Resources Analysis Sheet

If the project does not result in a change in the existing visual character, and the project is not located along a designated Scenic Road/Byway, or on land managed by an entity with visual quality objectives (e.g., BLM), delete this page from the document.

28-1. Change in Visual Character

If the project results in a change in the existing visual character, check the box and include a description of the existing visual setting (this could include foreground and distant views), the visual changes or impacts that will occur as a result of the project, and any mitigation measures.

28-2. Designated Scenic Road/Byway

If the project is located on a designated Scenic Road/Byway, check the applicable box and enter the name of the Road/Byway²⁹. If a visual resource assessment technical document was completed, check the applicable box, and include the title and date of the visual document.

28-3. Compliance with Visual Resource Management Objectives

If the project is located on land/easement from a land-managing agency with visual resource management objectives (e.g., BLM; USFS), determine if the project meets the specific objectives. Check the applicable box, and discuss the objectives, and coordination, mitigation, and/or the agencies' concurrence with the determination. National Forest scenic management system objectives usually include views of the road from off the road, and views from on the road looking off the road.

Refer to the visual resource document to determine if the project will impact the overall visual quality rating of the roadway, and if the post-project condition meets the criteria for designation as a scenic road, and check the applicable box.

28-4. Mitigation Measures

For projects located on land/easement from a land-managing agency with visual resource management objectives, mitigation measures must be coordinated with the visual resource specialist of the land-managing agency.

List mitigation in bullet form, separated by responsibility (e.g., Design Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

²⁹ <http://arizonascenicroads.com/main.aspx>

Visual Resources Analysis Sheet	
28-1	<div style="text-align: right; margin-bottom: 10px;"> Project No. _____ TRACS No. _____ Project Name _____ </div> <input type="checkbox"/> Change in the existing visual character as a result of the project.
28-2	<input type="checkbox"/> Project is along a designated Scenic Road/Byway. Name of Scenic Road/Byway: _____ <input type="checkbox"/> A visual resource quality analysis has been completed. Title and date: _____ <input type="checkbox"/> The project will not impact the overall visual quality rating of the roadway. <input type="checkbox"/> The project will impact the overall visual quality of the roadway, but post project conditions will meet criteria to retain its scenic road designation. Concurrence date: _____
28-3	<input type="checkbox"/> Project is located in an area with specific visual resource management objectives. <input type="checkbox"/> The project meets the land-management agency's specific visual resource management objectives. Concurrence date: _____ <input type="checkbox"/> The project does not meet the land-management agency's specific visual resource management objectives. Coordination and mitigation: _____
<hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 10%; text-align: right; vertical-align: top; padding: 5px;">28-4</div> <div style="width: 90%; padding: 5px;"> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Mitigation Measures</div> <div style="height: 150px; border-left: 1px solid black; border-right: 1px solid black;"></div> </div> </div>	

Page 29. Socioeconomic Impacts Analysis Sheet

If the project will not impact residential/commercial development, will not require displacement(s), and will have no temporary and/or permanent impacts to access or neighborhood continuity/community cohesion (including pedestrian and vehicular access, traffic patterns, etc.) provide a brief explanation in the Comment column on the *Environmental Impact Summary Sheet*, and do not include this page in the document. If new right-of-way is required, FHWA must concur early in the planning process that the acquisition is "minor," and that a CE is the appropriate level of NEPA documentation. Contact the ADOT NEPA Planner for guidance. **If the acquisition is not considered "minor," the CE is non-programmatic. If the project requires commercial or residential displacements, the CE is non-programmatic.**

29-1. Residential/Commercial Development and Displacement(s)

Determine if displacements are required and check the applicable box. If displacements are required, include the type (e.g., single family home; commercial business); number (in terms of property owners and units as applicable); and location (e.g., east of US 60 at milepost 358.5). Include other pertinent information as needed.

Consult applicable general plans and other municipal planning documents. Determine if the project will impact planned developments, and check the applicable box. If impacts will occur, include information on the type and location of the developments to be impacted.

29-2. Temporary and Permanent Access

Determine if the project will result in temporary or permanent impacts to access. This may include access changes, sidewalk closures, parking restrictions, temporary driveway closures, etc. The impacts could include non-vehicular access, such as pedestrians, and impacts to special events, such as fairs and parades. If the project will result in access impacts, determine if they are temporary and/or permanent, check the applicable boxes, and include a discussion regarding the impacts.

29-3. Neighborhood Continuity and Community Cohesion

Determine if the project will have any impact to neighborhood continuity/community cohesion. Impacts may include bisecting neighborhoods and restricting access to local community features/sites. If impacts have been identified, determine if the impacts are temporary and/or permanent and include a brief explanation of the impacts as well as any applicable mitigation. Note: neighborhoods/communities are not limited to residential areas and can be commercial communities as well.

29-4. Mitigation Measures

Include all mitigation measures specific to socioeconomic impacts. List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

		Project No. _____ TRACS No. _____ Project Name _____	
	Socioeconomic Impacts Analysis Sheet		
29-1	1. Residential/Commercial Development and Displacement(s)	Displacements required. <input type="checkbox"/> No <input type="checkbox"/> Yes <ul style="list-style-type: none"> • Type: • Number: • Location: Known planned development(s) impacted <input type="checkbox"/> No <input type="checkbox"/> Yes <ul style="list-style-type: none"> • Type: • Location: 	
29-2	2. Temporary and Permanent Access	<input type="checkbox"/> Temporary access impacts. <input type="checkbox"/> Permanent access impacts.	
29-3	3. Neighborhood Continuity and Community Cohesion	<input type="checkbox"/> No impacts <input type="checkbox"/> Temporary impacts. <input type="checkbox"/> Permanent impacts.	
29-4	Mitigation Measures		
		29	August 2006

Project No. _____
 TRACS No. _____
 Project Name _____

Title VI/Environmental Justice Analysis Sheet

"Title VI of the Civil Rights Act of 1964" and related statutes (including state-level EPG "Guidance on Title VI and Environmental Justice") assure that individuals are not excluded from participation in, denied the benefit of, or subjected to discrimination under any program or activity receiving federal financial assistance on the basis of race, color, national origin, age, sex, and disability. "Executive Order 12898" on environmental justice, dated February 11, 1994, directs that programs, policies, and activities not have a disproportionately high and adverse human health or environmental effect on minority and low-income populations.

Effects on any businesses, residents, or landowners as a result of this project.

- 30-1 | Temporary ☐
 Permanent ☐

- 30-2 | ☐ New R/W (acres)
☐ New easement (acres)

The following populations are affected by the project. (See attached tables.)

- 30-3 | ☐ Disabled
☐ Elderly
☐ Low-income population
☐ Female Head of Household

Races and ethnicity:

- ☐ African American ☐ Hispanic ☐ Native Hawaiian or Pacific Islander
☐ Asian ☐ American Indian and Alaska Native ☐ Some other race
☐ Two or more races

- 30-4 | ☐ Identified effects are proportionate to those experienced by the general population.

- 30-5 | ☐ Identified effects are disproportionately high and adverse on protected populations.

Mitigation Measures

30-6 |

Page 30. Title VI/Environmental Justice Analysis Sheet

Determine if any temporary, adverse, or permanent effects on any businesses, residents, or landowners will occur as a result of this project. If the project will have no effects, delete this page from the document. This could include effects to access, relocations, and neighborhood continuity. If effects will occur, determine if there are any protected populations. These populations include:

- Minorities – refer to census tables for correct categories
- Low-income –population whose median household income is at or below the US Department of Health and Human Services poverty guidelines
- Age, gender, and disability

To determine if any of the above populations are present in the project area, determine the census tract and block groups for the project area, which can be found on the US Census website³⁰. Once census tracts and block groups have been determined, data for the geographic areas will need to be obtained. Summary Tape File 3 data is preferred for the analysis of the project area, and is located on the US Census Bureau website³¹. Once on the website, obtain detailed tables for the P1, P6, P7, P8, P10, P42, and P87 datasets. Add this data to Tables 1 and 2.

Other websites to investigate for Title VI information include the Arizona Department of Economic Security³², the US Department of Health and Human Services³³, and the FHWA – Environmental Justice.³⁴

30-1. Temporary/Permanent Effects

Discuss the project's temporary and permanent impacts on any businesses, residents, or landowners.

30-2. New Right-of-way/Easements

Check the applicable boxes and provide the total acreage of new right-of-way or easements.

30-3. Affected Protected Populations

Check the applicable boxes for any protected populations that will be impacted by the project.

³⁰ factfinder.census.gov/jsp/saff/saff/SAFFInfo.jsp?_pageld=qn7_maps

³¹ http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=DEC&_submenuId=datasets_0&_lang=en

³² <http://www.de.state.az.us/ASPNew/default.asp>

³³ <http://aspe.hhs.gov/poverty/06poverty.shtml>

³⁴ <http://www.fhwa.dot.gov/environment/ej2.htm>

**Page 30. Title VI/Environmental Justice Analysis Sheet
(continued)****30-4. Proportionate Effects**

Identify whether the impacts of the project will be proportionate to those experienced by the general population³⁵. Include a brief statement explaining why the effects are proportionate.

30-5. Disproportionate Effects

Identify any disproportionate effects (including discriminatory effects). If disproportionate effects will result from the project, refer to the EPG "Guidance on Title VI and Environmental Justice" on the EPG Web site³⁶. Contact the ADOT NEPA Planner for guidance. Present a full analysis of the effects and all mitigation measures.

30-6. Mitigation Measures

Include all applicable mitigation measures specific to Title VI/Environmental Justice. List mitigation in bullet form, separated by responsibility (e.g., Design Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

³⁵ <http://environment.fhwa.dot.gov/guidebook/vol2/doc16a.pdf>
³⁶ <http://www.adotenvironmental.com>

Page 31. US Census Data Analysis Sheet

For each of the following tables, include information from each census tract and block group that crosses the project limits. Include information from the City and County that the project area is located in as comparative geographies. Shade any cell for which the percentage of a given category is higher than the comparative geography.

31-1. Table 1: 2000 Racial and ethnic demographics

Enter data obtained from the 2000 Census Summary Tape File 3.

31-2. Table 2: 2000 Total Minority, Age 60 Years and Over, Below Poverty Level, Disabled, and Female Head of Household populations

Enter data obtained from the 2000 Census Summary Tape File 3.

31-1

31-2

US Census Data

Project No. _____
TRACS No. _____
Project Name _____

Table 1. 2000 Racial and ethnic demographics

Area	Total population	White		African American		Native American		Asian		Pacific Islander		Other race		Two or more races		Hispanic ¹	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
CT ()																	
BG ()																	
CT, BG																	
CT, BG																	
CT, BG																	
CT, BG																	
Total Tracts																	
(City)																	
(County)																	

Source: US Department of Commerce, Bureau of the Census, Census 2000, Summary File 3.

Note: See table notes for Table 2, below.

¹ "Hispanic" refers to ethnicity and is derived from the total population, not as a separate race, i.e., it is calculated differently from the other columns in this table.

Table 2. 2000 Total Minority, Age 60 Years and Over, Below Poverty Level, Disabled, and Female Head of Household populations

Area	Total population	Total Minority ²		Age 60 years and over		Total population for whom disabled is determined	Disabled		Total population for whom poverty is determined	Below poverty level		Households	Female Head of Household	
		#	%	#	%		#	%		#	%		#	%
CT, BG														
CT, BG														
CT, BG														
CT, BG														
CT, BG														
Total Tracts														
(City)														
(County)														

Source: US Department of Commerce, Bureau of the Census, Census 2000, Summary File 3.

Notes: CT = Census Tract; BG = Block Group; # = Number; % = Percentage.

² "Total Minority" is composed of all people who consider themselves Non-White racially plus those who consider themselves White Hispanic.

Shaded areas denote percentages notably higher than comparison areas' percentages.

Construction-Related Impacts Analysis Sheet32-1 ☐ Traffic control measures required.32-2 ☐ Detours necessary.32-3 ☐ Other.

Traffic control will be in accordance with the most current *Manual on Uniform Traffic Control Devices for Streets and Highways*, published by the US Department of Transportation, Federal Highway Administration, including any revisions or additions, and/or associated provisions in the project plans, as determined by the ADOT Traffic Design Section during design.

Mitigation Measures

32-4

Page 32. Construction-Related Impacts Analysis Sheet

Determine if the project will result in any construction-related impacts such as lane closures, detours, or dust abatement requirements. If the project will not have construction-related impacts, do not include this page in the document and briefly explain why there are no impacts in the Comment field on the *Environmental Impact Summary* sheet. **Refer to the *Arizona Programmatic Categorical Exclusion Approval* for programmatic requirements for temporary roads, detours, or ramp closures.**³⁷

32-1. Traffic Control Measures

Briefly describe construction-related traffic impacts, and traffic control measures required to minimize impacts for construction. The applicable ADOT Construction District must be provided any traffic control or other construction-related mitigation for review.

32-2. Detours

If a detour is necessary, it must be included in the footprint of environmental surveys and environmental analyses, and be included in socioeconomic impact analyses as well. Explain the location of detours, adding maps as needed to illustrate the location. If a detour map is included, list on Page 1. If detours will be required within an air quality non-attainment or maintenance area, coordinate with the ADOT EPG Noise and Air Team.

32-3. Other

If needed, check the box and briefly describe other construction-related impacts and identify applicable mitigation.

32-4. Mitigation Measures

Include all applicable mitigation measures specific to construction-related impacts. List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*. The applicable ADOT Construction District must be provided any traffic control or other construction-related mitigation for review.

³⁷ http://www.azdot.gov/EEG_common/documents/files/planning/ProgrammaticCE.PDF

Page 33. Utilities Analysis Sheet

Refer to the project Design Concept Report, Project Assessment, or project plans to determine if utilities are located within the project area or will be affected by the project. Verify utility involvement with the project designer/manager.

33-1. Utilities Present

Insert the name and a short description of all utilities present within the project area (e.g., UniSource Energy Services natural gas pipeline; Qwest telephone line).

33-2. No Utility Work

Check the box if utilities are present but are not anticipated to be affected by the project.

33-3. Utility Involvement

Check the box if the project will require utility involvement. Check the applicable box of the type of work involved. If other, provide a brief statement of the type of work. Check the applicable box for who will be performing the utility work. If it is unknown who will do the work, check Other and provide a brief explanation. If customers will be affected by the utility work, provide the number of days in advance customers will be notified and who will provide notification, if applicable.

For each of the categories, include the name of the applicable utility for each respective type of work, performer of the work, notification responsibility in bullet or numbered format below the checked box. For example:

- ☒ Type of work involved:
- ☒ Relocation
1. SRP
2. Qwest
- ☒ The work will be performed by:
- ☒ ADOT ☒ Contractor ☐ Utility Company
1. SRP 2. Qwest

33-4. Railroad Project

For Railroad Projects: check the box and insert the name of the railroad company. If utilities are not present in the project area and the project does not involve a railroad, delete this page from the document.

	Utilities Analysis Sheet
33-1	Utilities present:
33-2	<input type="checkbox"/> Utility work is not anticipated. <input type="checkbox"/> Utilities are involved with the project.
33-3	<input type="checkbox"/> Type of work involved: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Relocation • • </div> <div> <input type="checkbox"/> Temporary disconnection of service • • </div> <div> <input type="checkbox"/> Other • • </div> </div> <input type="checkbox"/> The work will be performed by: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> ADOT • • </div> <div> <input type="checkbox"/> Contractor • • </div> <div> <input type="checkbox"/> Utility company • • </div> <div> <input type="checkbox"/> Other • • </div> </div> <input type="checkbox"/> The utility customers affected by utility work will be notified _____ days prior to the start of construction by: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> ADOT • • </div> <div> <input type="checkbox"/> Contractor • • </div> <div> <input type="checkbox"/> Utility company • • </div> <div> <input type="checkbox"/> To be determined • • </div> </div> <input type="checkbox"/> No utility work is anticipated as part of this railroad project; however _____ will investigate utility involvement during the project design phase.
33-4	
33-5	Mitigation Measures <u>Railroad Responsibilities</u>
33-6	<ul style="list-style-type: none"> ▪ If previously unidentified cultural resources are identified during construction, work will cease at that location and the _____ will arrange for proper treatment of these resources.

Page 33. Utilities Analysis Sheet (continued)

33-5. –33-6. Mitigation Measures

Include all applicable mitigation measures specific to utilities. List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*. If the documentation is for a Railroad Project do not delete the mitigation. Include the Railroad name in *Item 33-6*; otherwise delete the mitigation.

Hazardous Materials Evaluation Analysis Sheet

- 34-1 ☐ Load-bearing structures will be modified or altered on the project.
Date asbestos survey completed:
Findings:
☐ NESHAP permit required.
- 34-2 ☐ Work will occur on existing structures that have been previously painted.
Date test for RCRA metals completed:
Findings:
- 34-3 ☐ Records check of ADEQ and EPA databases was conducted.
Date completed:
Findings:
- 34-4 ☐ Tribe(s) was (were) contacted regarding its (their) records.
Date completed:
Findings:
- 34-5 ☐ PISA was conducted.
Date completed:
Findings:
- 34-6 ☐ Phase I study was conducted.
Date completed:
Findings:
- 34-7 Findings of hazardous materials assessment:

Mitigation Measures

- 34-8 Design Responsibilities
During Phase IV of the final design, the Arizona Department of Transportation project manager will contact the Arizona Department of Transportation Environmental Planning Group hazardous materials coordinator (602.712.7768) to determine the need for additional site assessment.
- 34-9 Railroad Responsibilities
If suspected hazardous materials are encountered during construction, work will cease at that location and the _____ will arrange for proper assessment, treatment or disposal of those materials.

Page 34. Hazardous Materials Evaluation Analysis Sheet

If an ADOT-approved hazardous materials records check and/or PISA was completed for the project that indicated that there were no hazardous materials concerns present in the project area, delete this page from the document. Per the May 2003 EPA/ADOT Asbestos Consent Decree, an asbestos assessment will be required for any load-bearing structures (e.g., bridges; buildings) that will be modified or altered as a result of the project. If the project involves any work on an existing structure that has been previously painted, a test for RCRA metals will be required. For each of the fields, summarize the recommendation of the investigations. **If there are any known hazardous materials sites or previous land uses with potential for hazardous materials remaining within the right-of-way, the CE is non-programmatic.**

34-1. NESHAP

Check the box if load-bearing structures will be modified or altered by the project. Provide the date and findings of the asbestos survey. Determine if a NESHAP permit is required;³⁸ if the permit is required, check the applicable box and state applicable mitigation measures as applicable.

34-2. RCRA METALS

Check the box if work will occur on existing structures that have been previously painted. Provide the date and findings (including any applicable mitigation measures) of the RCRA metals (e.g., lead) survey.

34-3. ADEQ and EPA Records Check

Check the box if a records check of ADEQ and EPA databases was conducted. Provide the date and findings (including any applicable mitigation measures) of the records check. In the findings field, indicate the recommendation of the records check, do not list all items identified during the hazardous materials research.

34-4. Tribal Records Check

Check the box if tribes were contacted regarding their hazardous materials records. Provide the date and findings (including any applicable mitigation measures) of tribal hazardous materials records, including the names of the Tribes contacted in the "findings" field.

34-5. PISA

Check the box if a PISA was conducted for the project. Provide the concurrence date and the findings of the PISA (including any applicable mitigation measures).

34-6. Phase I

Check the box if a Phase I hazardous materials study was conducted. Provide the date of concurrence and the findings of the Phase I study.

³⁸ <http://www.azdeq.gov/environ/air/asbestos/>

Page 34. Hazardous Materials Evaluation Analysis Sheet (continued)

34-7. Findings

Summarize the results of the hazardous materials investigations which occurred as part of the project.

34-8.–34-9. Mitigation Measures

The mitigation measure shown in *Item 34-8. Mitigation Measures* must always be included in the clearance memo and the *Mitigation Measures Sheet*—even if the *Hazardous Materials Evaluation Analysis Sheet* is not included in the document. List additional mitigation in bullet form, separated by responsibility (e.g., Design Responsibilities and/or Contractor Responsibilities). All mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*. If the project is not a Railroad Project delete mitigation in *Item 34-9*.

For Railroad projects, delete the mitigation shown in *Item 34-8*; the mitigation measure shown in *Item 34-9* must always be included in the clearance memo and the *Mitigation Measures Sheet*—even if the *Hazardous Materials Evaluation Analysis Sheet* is not included in the document. List any additional mitigation in bullet form; all mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Noise Analysis Sheet

- 35-1 ☐ Noise Activity Categories
- ☐ A. Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
☐ Receivers present:
- ☐ B. Recreation areas, playgrounds, picnic areas, active sports areas, parks, residences, motels, hotels, schools, places of worship, cemeteries, libraries, and hospitals.
☐ Receivers present:
- ☐ C. Developed lands, properties, or activities not included in A or B.
☐ Receivers present:
- 35-2 ☐ The project involves additional through lanes.
☐ The project involves changes to the vertical or horizontal alignment.
☐ The project involves new alignment.
- 35-3 ☐ Quantitative analysis results.
☐ Noise report completed on Findings and mitigation.

Mitigation Measures

35-4

Page 35. Noise Analysis Sheet

Refer to FHWA's Noise Abatement Criteria³⁹ and the ADOT NAP⁴⁰; if sensitive receivers are located within approximately 1,000 feet of the project area, but no substantial changes in the horizontal or vertical alignment of the roadway will occur, indicate that a qualitative analysis was completed on the *Environmental Impact Summary Sheet* and delete this page from the document.

35-1. Noise Activity Categories

Identify the Noise Activity Categories of receivers present within the project vicinity, and check each box that applies. For each box checked, determine if sensitive receivers are present, check the applicable box, and include the type of receiver present (e.g., "residence") to the right of the colon.

35-2. Adding Capacity/Alignment Changes

Check the applicable box if the project will result in additional through lanes, changes to the vertical/horizontal alignment, and/or a roadway on a new alignment. If the project involves any of these actions, a quantitative noise analysis will be required. Contact the ADOT EPG air/noise team for further direction.

35-3. Quantitative Analysis Results

Check the box if a quantitative noise analysis was required for the project; ADOT EPG must approve the noise report. Provide the date of the noise report, and summarize the findings and recommended mitigation measures. A final review of the noise analysis will be required when the environmental document is being finalized. Any late design changes/modifications that develop during or upon completion of the environmental process must be reflected in the final noise analysis.

35-4. Mitigation Measures

Include all applicable mitigation measures specific to noise. List mitigation in bullet form, separated by responsibility (e.g., Design Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

³⁹ <http://www.fhwa.dot.gov/environment/polguid.pdf>

⁴⁰ http://www.azdot.gov/EEG_common/documents/files/air_and_noise/final_noise_abatement_policy_revised_december_2005.pdf

**Arizona Pollutant Discharge Elimination System/
National Pollutant Discharge Elimination System Analysis Sheet**

- 36-1 ☐ The project involves the ground-disturbance of 1 or more acres and a general permit will be required.
- 36-2 ☐ The project is located within 0.25 mile of water
- ☐ The project is located in a designated MS4.
- ☐ The project is federally funded; therefore, in accordance with 23 CFR 650(b), shall determine if design features to reduce erosion and minimize sedimentation during and after construction are required.
-
- 36-3 **Mitigation Measures**
- Design Responsibilities
The Arizona Department of Transportation Roadside Development Section will determine who will prepare the Stormwater Pollution Prevention Plan.
- 36-4 District Responsibilities
The District Construction Office will submit the Notice of Intent and the Notice of Termination to the
- Contractor Responsibilities
The contractor shall submit the Notice of Intent and the Notice of Termination to the
- 36-5 Railroad Responsibilities
Because the project is federally funded, the, in accordance with 23 CFR § 650, Subpart B, shall determine whether design features to reduce erosion and minimize sedimentation during and after construction are required.
- 36-6 **Unique or Impaired Water**
The project is located within ¼ mile of a designated water. Therefore, the Arizona Department of Transportation District Construction Office and the contractor will submit the Storm Water Pollution Prevention Plan to the Arizona Department of Environmental Quality for approval prior to construction.
- 36-7 **MS4**
This project is located within a designated municipal separate storm sewer system. Therefore the Arizona Department of Transportation District Construction Office and the contractor will submit the Notice of Intent and the Notice of Termination to the

Page 36. Arizona Pollutant Discharge Elimination System/National Pollutant Discharge Elimination System Permit Analysis Sheet

Coordinate with the project manager or project engineer to determine if the project will result in 1 or more acres of ground disturbance. If the project requires less than 1 acre of ground disturbance, delete this page from the document.

36-1. Permit

If the project will result in 1 or more acres of ground disturbance determine if a National (tribal land) or Arizona Pollutant Discharge Elimination System Permit is required (non-tribal land). Check the applicable boxes and fill in the name of the permit.

Review the ADEQ list of Impaired waters, located on the ADEQ website⁴¹. If the project is located within 0.25 mile of impaired water, check the applicable box; list the name of the water and the parameters of concern. Projects within 0.25 mile of an impaired water require either an AZPDES permit with the SWPPP/SWMP approved by ADEQ prior to start of construction (non-tribal lands) or a NPDES permit (tribal land) with coordination with EPA to identify applicable best management practices. SWPPPs for NPDES permits within 0.25 mile of an impaired water are not reviewed by either EPA or ADEQ. Determine if the project is located within a designated MS4⁴²; check the box and include the name of the MS4 as applicable.

36-2. Railroad Project

If the project is being completed by a railroad, check the box and insert the railroad name.

36-3. Mitigation Measures

List mitigation in bullet form, separated by responsibility (i.e., District Responsibilities and Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*. Delete all mitigation that is not applicable.

36-4. Mitigation: Permit

The mitigation in *Item 36-3* should be included with any non-Railroad Project requiring an AZPDES/NPDES permit.

36-5. Mitigation: Railroad

The mitigation in *Item 36-5* should only be included with Railroad Projects. Delete all other mitigation in this section, and insert the name of the railroad.

⁴¹ <http://www.azdeq.gov/environ/water/assessment/assess.html>

⁴² <http://www.azdeq.gov/environ/water/permits/stormwater.html#ms4s>

**Page 36. Arizona Pollutant Discharge Elimination
System/National Pollutant Discharge Elimination
System Permit Analysis Sheet (continued)**

36-6. Mitigation: Unique or Impaired Waters

If a AZPDES/NPDES Permit is required and the project is within 0.25 mile of a unique or impaired water include the name of the water and add the mitigation in *Item 36-6* twice: under both the District Responsibilities and the Contractor Responsibilities.

36-7. Mitigation: MS4

If an AZPDES/NPDES Permit is required and the project is within a designated MS4, then include the name of the MS4 and add mitigation in *Item 36-7* twice: under both the District Responsibilities and the Contractor's Responsibilities.

Air Quality Analysis Sheet

37-1

- ☐ The project is located in a non-attainment or maintenance area.
 Name of area(s):
 Pollutant(s):
☐ Exempt from conformity.
 The project will not interfere with transportation control measure implementation requirements as directed by state and metropolitan planning organizations.
☐ While the project is not on the conformity list, the nature of the work this project requires will not interfere with transportation control measure implementation.
☐ Not exempt from conformity.
☐ Microscale analysis completed on .

37-2

- ☐ The project is located in the Tucson Region Carbon Monoxide Limited Maintenance Area Plan.
☐ The project will have no negative effect on air quality and, pursuant to 40 CFR 93.116, this project is in conformity.
☐ Not exempt from conformity.
☐ Microscale analysis completed on .

37-3

The purpose of this project is to by constructing . This project will not result in any meaningful changes in traffic volumes, vehicle mix, location of the existing facility, or any other factor that would cause an increase in emissions impacts relative to the no-build alternative. As such, FHWA has determined that this project will generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special MSAT concerns. Consequently, this effort is exempt from analysis for MSATs.

Moreover, EPA regulations for vehicle engines and fuels will cause overall MSATs to decline significantly over the next 20 years. Even after accounting for a 64 percent increase in VMT, FHWA predicts MSATs will decline in the range of 57 percent to 87 percent, from 2000 to 2020, based on regulations now in effect, even with a projected 64 percent increase in VMT. This will both reduce the background level of MSATs as well as the possibility of even minor MSAT emissions from this project.

Mitigation Measures

37-4

Page 37. Air Quality Analysis Sheet

Refer to the non-attainment/maintenance area maps on the ADOT EPG Web site⁴³ to determine air quality status. If the project is in an area that complies with all National Ambient Air Quality Standards, delete this page from the document.

37-1. Nonattainment/Maintenance Area

Check the box if the project is located in a non-attainment or maintenance area other than the Tucson Region Carbon Monoxide Limited Maintenance Area. Provide the name of the non-attainment or maintenance area and the pollutant(s) of concern in the project area. Refer to the ADOT EPG website⁴⁴ to obtain a list of project types exempt from conformity requirements, determine if the project is exempt from conformity, and check the applicable box.

If the project is not exempt from conformity, but the nature of the work the project requires will not interfere with transportation control measure implementation (e.g., bridge replacement; additional turn-lanes), check the applicable box.

If the project is not exempt from conformity, and the nature of the work the project requires may interfere with TCM implementation, a microscale analysis is required to document the air quality impacts of the project. The level of effort will vary from a simplified description to a detailed modeling analysis, depending on the project scope and pollutant concentration levels. Contact the ADOT EPG air/noise team for guidance. Provide the date and findings of the microscale analysis and any mitigation measures required for the project.

37-2. Tucson Region Carbon Monoxide Limited Maintenance Area Plan

Check the box if the project is located in the Tucson Region Carbon Monoxide Limited Maintenance Area Plan. Determine if the project is exempt from conformity, and check the applicable box. If the project is not exempt from conformity, a microscale analysis is required to document the air quality impacts of the project. The level of effort will vary from a simplified description to a detailed modeling analysis, depending on the project scope and pollutant concentration levels. Contact the ADOT EPG air/noise team for guidance. Provide the date and findings of the microscale analysis and any mitigation measures required for the project.

37-3. Mobile Source Air Toxics – for Federally-funded projects only

If the project is not federally funded, delete this section from the document. Insert the project purpose and major elements of the project scope in the appropriate locations. If the project increases traffic capacity contact the ADOT EPG air/noise team to determine if any additional MSAT language is required.

⁴³ http://www.azdot.gov/EEG_common/documents/air_quality_guidance.asp

Page 37. Air Quality Analysis Sheet (continued)

37-4. Mitigation Measures

Include all applicable mitigation measures specific to air quality, including mitigation necessary for avoidance. List mitigation in bullet form, separated by responsibility (e.g., District Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Mitigation MeasuresDesign Responsibilities

- All disturbed soils that will not be landscaped or otherwise permanently stabilized by construction will be seeded using species native to the project vicinity.
- During Phase IV of the final design, the Arizona Department of Transportation project manager will contact the Arizona Department of Transportation Environmental Planning Group hazardous materials coordinator (602.712.7768) to determine the need for additional site assessment.

Contractor Responsibilities

- To prevent the introduction of invasive species, all earth-moving and hauling equipment shall be washed at the contractor's storage facility prior to entering the construction site.
- To prevent invasive species seeds from leaving the site, the contractor shall inspect all construction equipment and remove all attached plant/vegetation debris prior to leaving the construction site.
- All disturbed soils that will not be landscaped or otherwise permanently stabilized by construction shall be seeded using species native to the project vicinity.
-

Railroad Responsibilities

- If previously unidentified cultural resources are identified during construction, work will cease at that location and the will arrange for proper treatment of these resources.
- If suspected hazardous materials are encountered during construction, work will cease at that location and the will arrange for proper assessment, treatment or disposal of those materials.

Page 38. Mitigation Measures

This page is always included in the environmental document. Mitigation is provided on each of the *Analysis Sheets* and collectively on this page and in the clearance memo. Development of mitigation measures is to be accomplished in coordination with the appropriate ADOT District(s), the Project Manager, and ADOT EPG, prior to submittal of the draft environmental document. The ADOT NEPA Planner will submit the mitigation measures to the appropriate ADOT District for concurrence, prior to final review of the environmental document. Use the word "attached" for any enclosures that will be included in the special provisions for the project (e.g., the attached NWP No. 14). Use the word "will" when referring to ADOT responsibilities and the word "shall" when the contractor is to perform a function. List the mitigation measures in bullet format.

Do not use acronyms or abbreviations as mitigation; ensure that mitigation measures are specific, enforceable, and provide clear direction to construction personnel as to the steps to be taken to implement the measures. These measures must be written in a format that ADOT Contract and Specifications Section, design, and construction personnel can implement. Use bullet format.

Separate the mitigation measures as follows:

Design Responsibilities:

-

District Responsibilities:

-

Contractor Responsibilities:

-

Other applicable categories: (use appropriate heading):

38-1. Standard Mitigation

For all non-Railroad Projects the mitigation measures presented in this item shall be included here, in the clearance memorandum and the project specifications. Add project-specific mitigation under the applicable category, as identified in the *Mitigation Measures Section* on each *Analysis Sheet*.

38-2. Railroad Mitigation

If the documentation is for a Railroad Project, delete all mitigation not under the "Railroad Responsibilities" heading. The mitigation measures present in this item shall be included for all Railroad Projects here, in the clearance memorandum, on the project specifications. Insert additional mitigation as required.

ARIZONA DEPARTMENT OF TRANSPORTATION

Intermodal Transportation Division
 Environmental Planning Group
 205 South 17th Avenue
 Phoenix, Arizona 85007

Categorical Exclusion**For****39-1****39-2**

Federal Project No.

TRACS No.

Approved by: _____ Date: _____

THOR ANDERSON
 Manager
 Environmental Planning Group

Approved by: _____ Date: _____

ROBERT E. HOLLIS
 Division Administrator
 Federal Highway Administration

This categorical exclusion has been prepared in accordance with provisions and requirements of Chapter 1, Title 23 USC and 23CFR771.117(d) relating to the implementation of the National Environmental Policy Act of 1969.

Page 39. FHWA Signature Page

This page must be included with any non-programmatic CE. Two copies of the page should be included with the Final CE submittal.

39-1. Project Name

Enter the official name of the project.

39-2. Project and TRACS Numbers

Insert the Federal Project number and the TRACS number. Confirm project information with ADOT EPG Staff (602.712.7767).

40-1 |

Mr. Robert E. Hollis
Division Administrator
Federal Highway Administration
234 North Central Ave., #330
Phoenix, AZ 85004

40-2 |

RE: Federal Aid No.:
TRACS No.:
Project Name:

Dear Mr. Hollis:

40-3 |

In accordance with Chapter 1, Title 23 USC and 23CFR771.117(d), the enclosed Categorical Exclusion for the referenced project is submitted for your approval. This project features . The project requires , and is therefore considered non-programmatic.

40-4 |

Based upon environmental studies and early coordination, it has been determined that: 1) the proposed project will not create any significant impacts to the environment; and 2) the action is classified as non-programmatic Categorical Exclusion, which is the appropriate environmental document for the proposed project.

Your approval of the Categorical Exclusion will constitute concurrence in this determination.

Sincerely,

Thor Anderson
Manager

Enclosures

40-5 |

c: , ADOT Environmental Planning Group

Page 40. ADOT to FHWA Transmittal Letter

40-1. Date

Enter the date of the submittal and spell out the month (e.g., November 20, 2006).

40-2. Project Information

Enter the Federal project number, TRACS number, and project name. Confirm project information with ADOT EPG Staff (602.712.7767).

40-3. Project Components

In the first field, enter the main component of the project (e.g., the resurfacing of State Route 40B).

40-4. Reason for FHWA Review

Enter the reason FHWA is to review the document (e.g., temporary occupancy of a Section 4(f) property).

40-5. Carbon Copy

Enter the ADOT NEPA Planner's name. If the planner is located in an ADOT District outside of the Phoenix area, indicate that by typing the name of city, which the ADOT NEPA Planner is located in (e.g., Justin White, ADOT Environmental Planning Group—Flagstaff).